

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

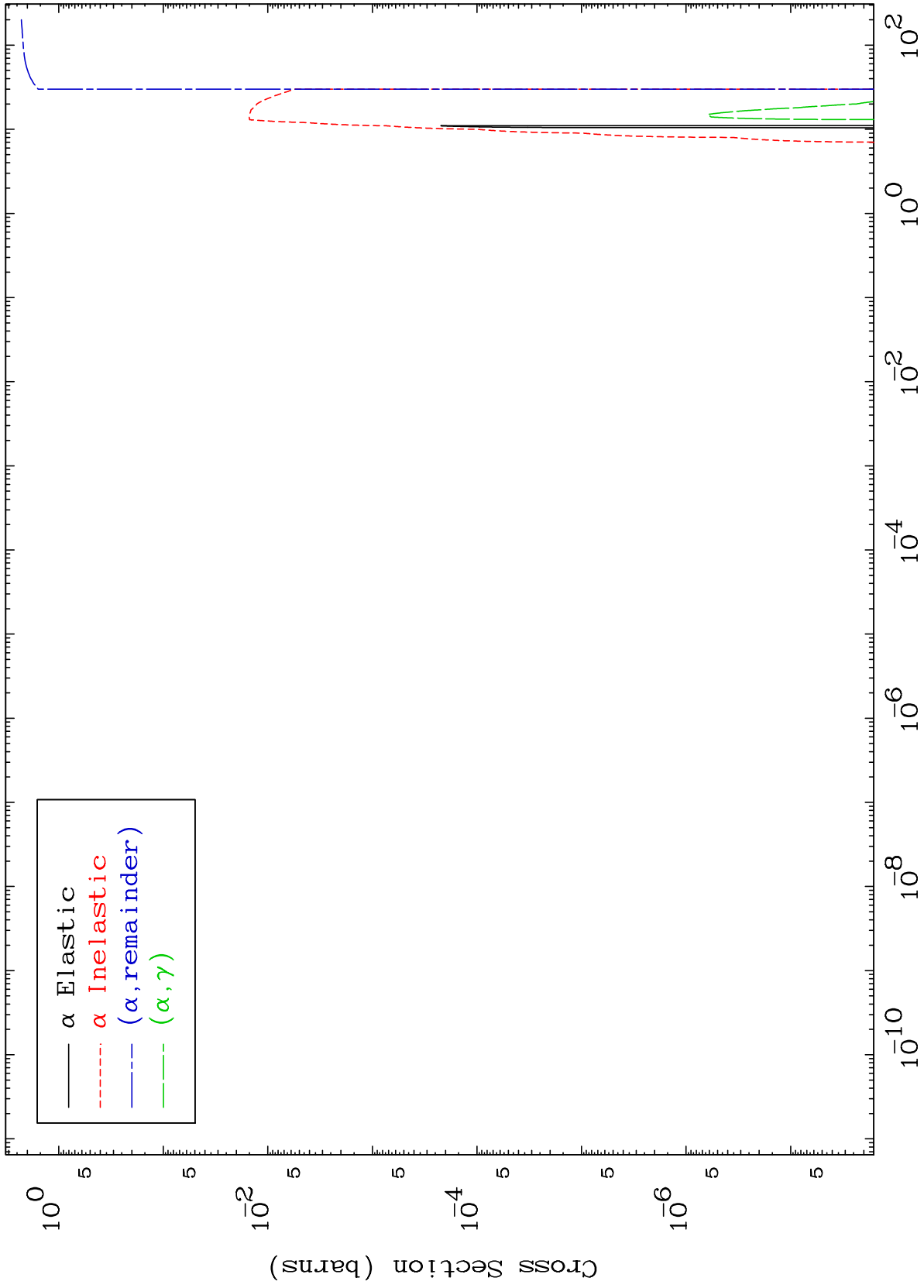
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4967

0 Kelvin α Major
Cross Sections

49-In-127



1

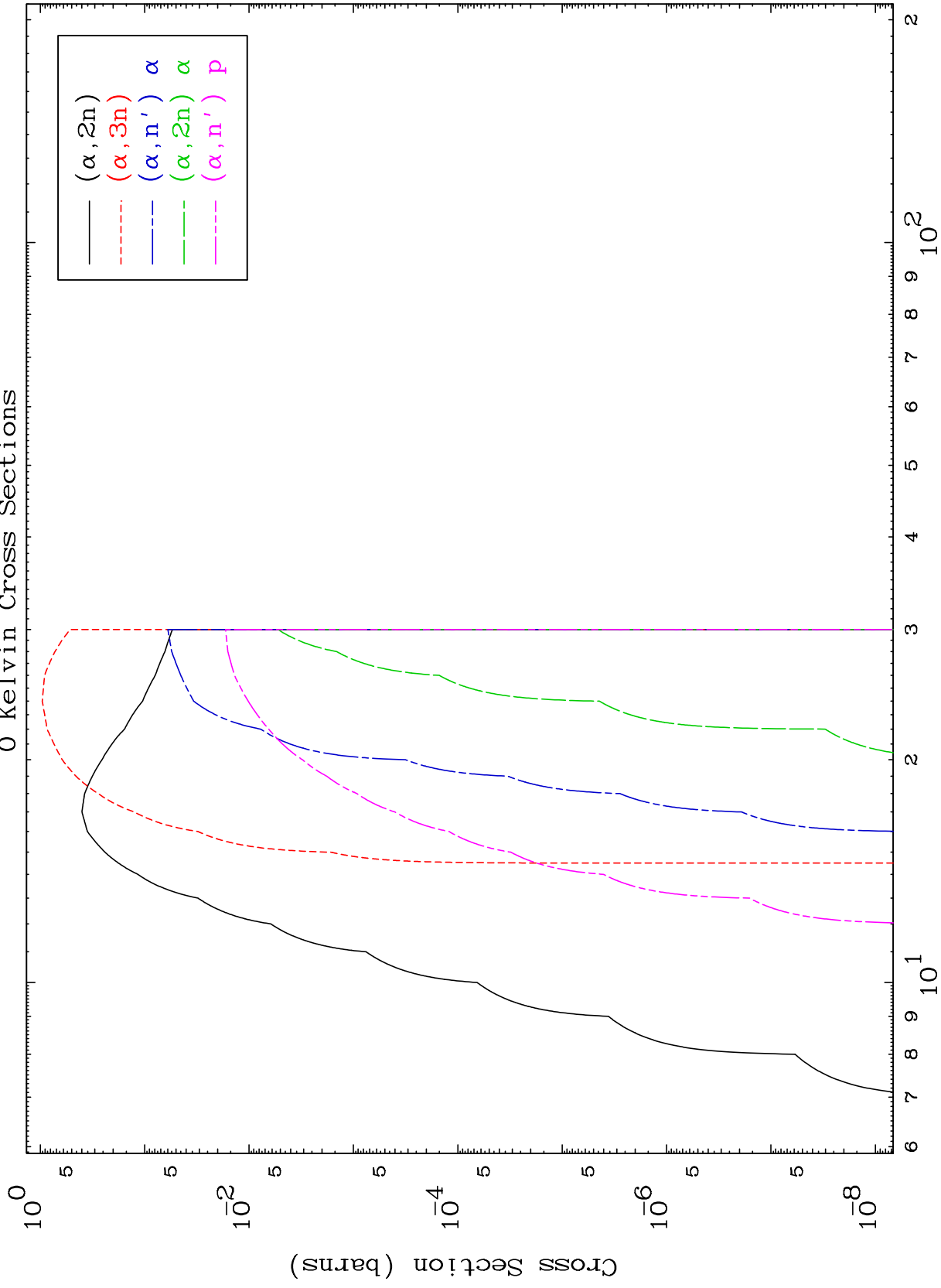
Incident Energy (MeV)

49-In-127

MAT 4967

α Neutron Production
0 Kelvin Cross Sections

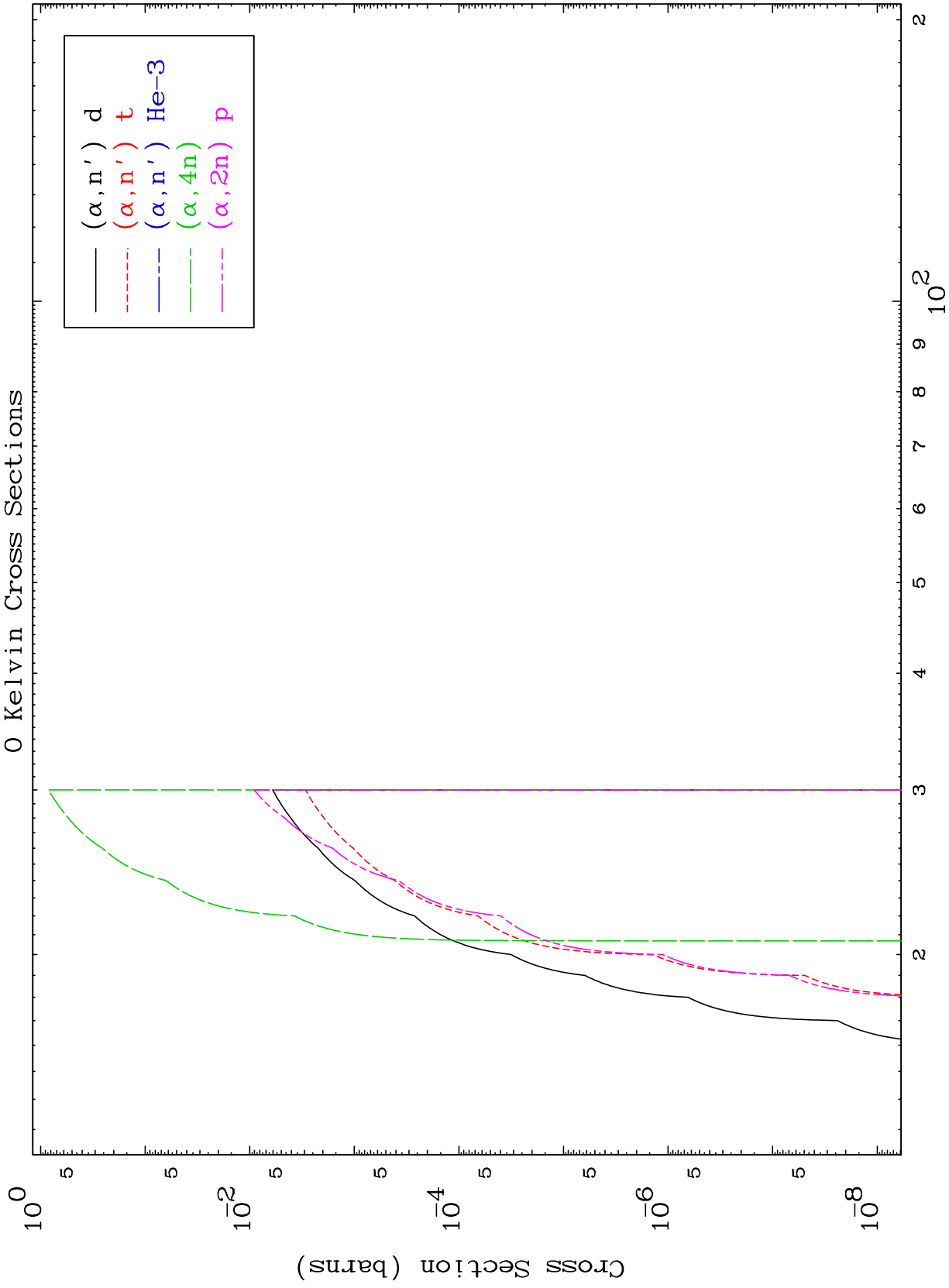
49-In-127

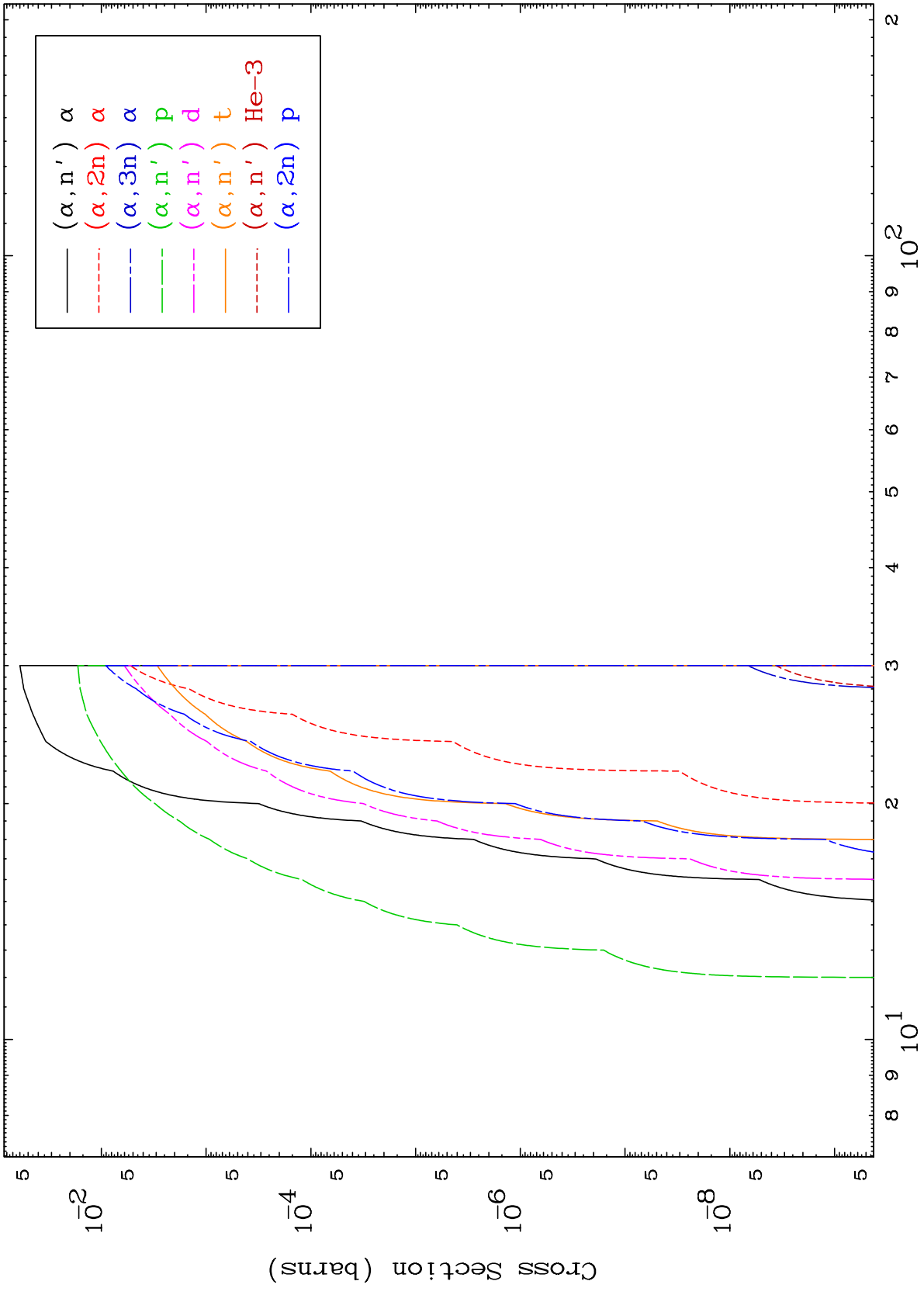


2

Incident Energy (MeV)

49-In-127

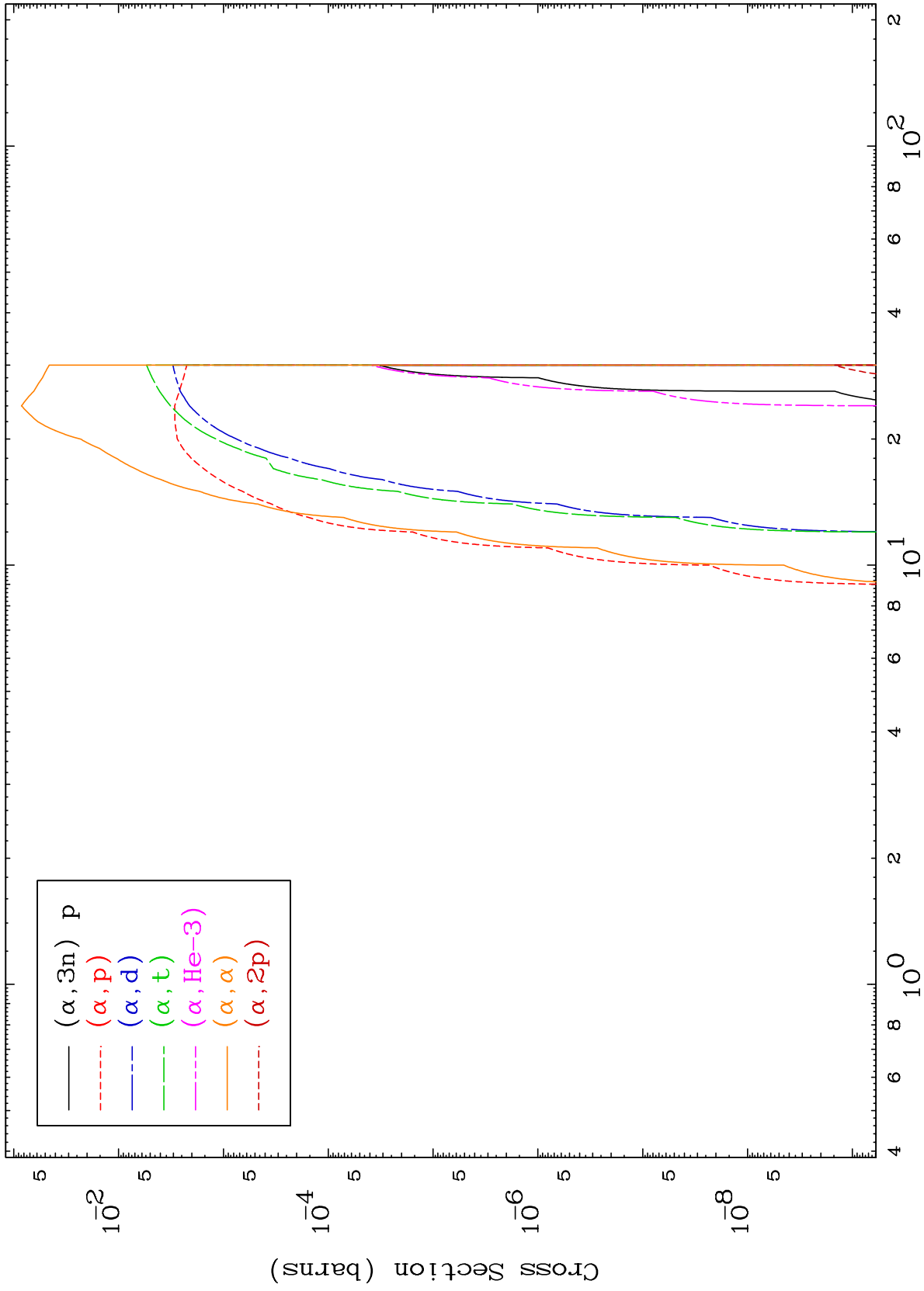




MAT 4967

α Charged Particle
0 Kelvin Cross Sections

49-In-127



5

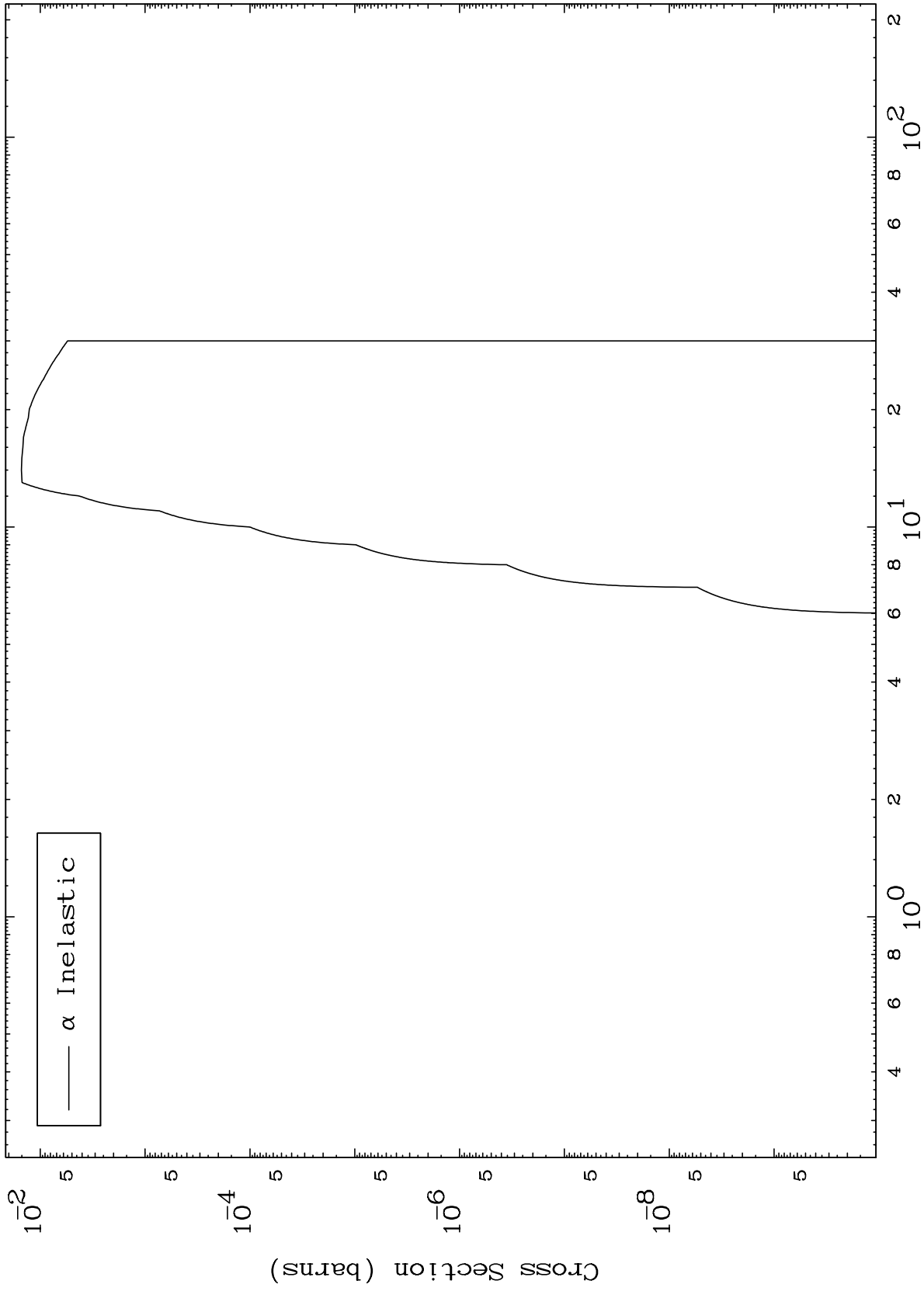
Incident Energy (MeV)

49-In-127

MAT 4967

(α, n') Level
0 Kelvin Cross Sections

49-In-127



6

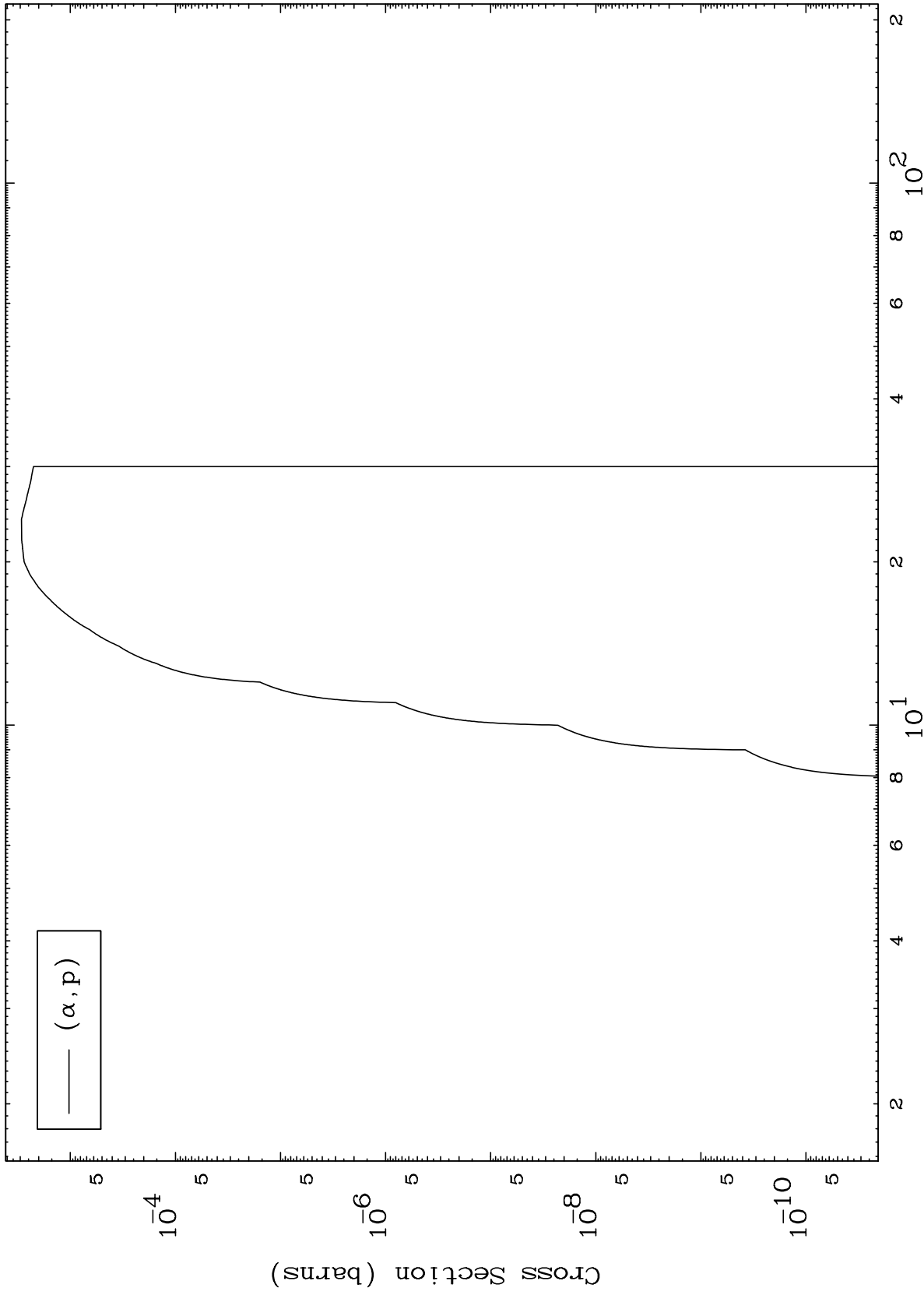
Incident Energy (MeV)

49-In-127

MAT 4967

(α, p) Levels
0 Kelvin Cross Sections

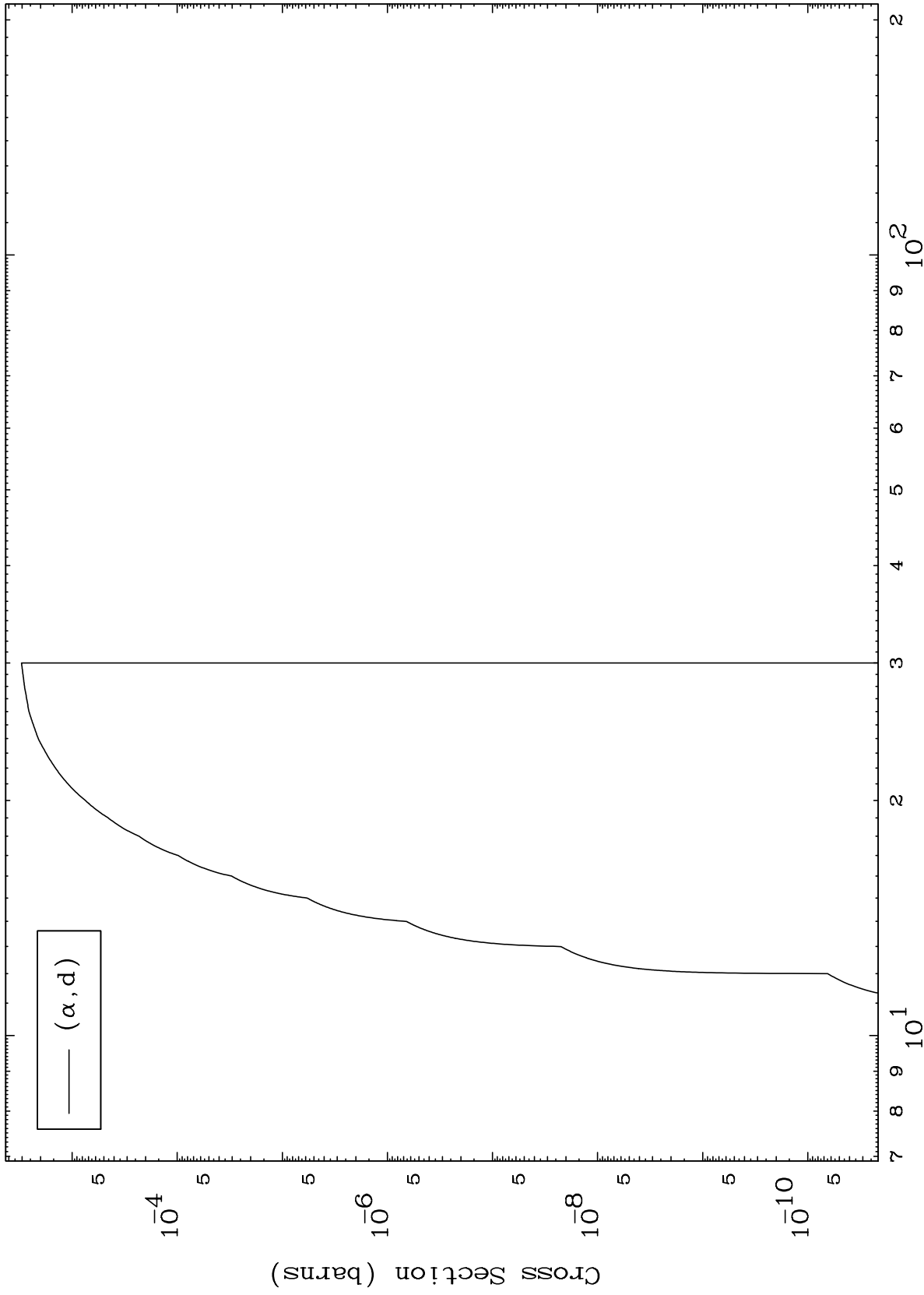
49-In-127



7

Incident Energy (MeV)

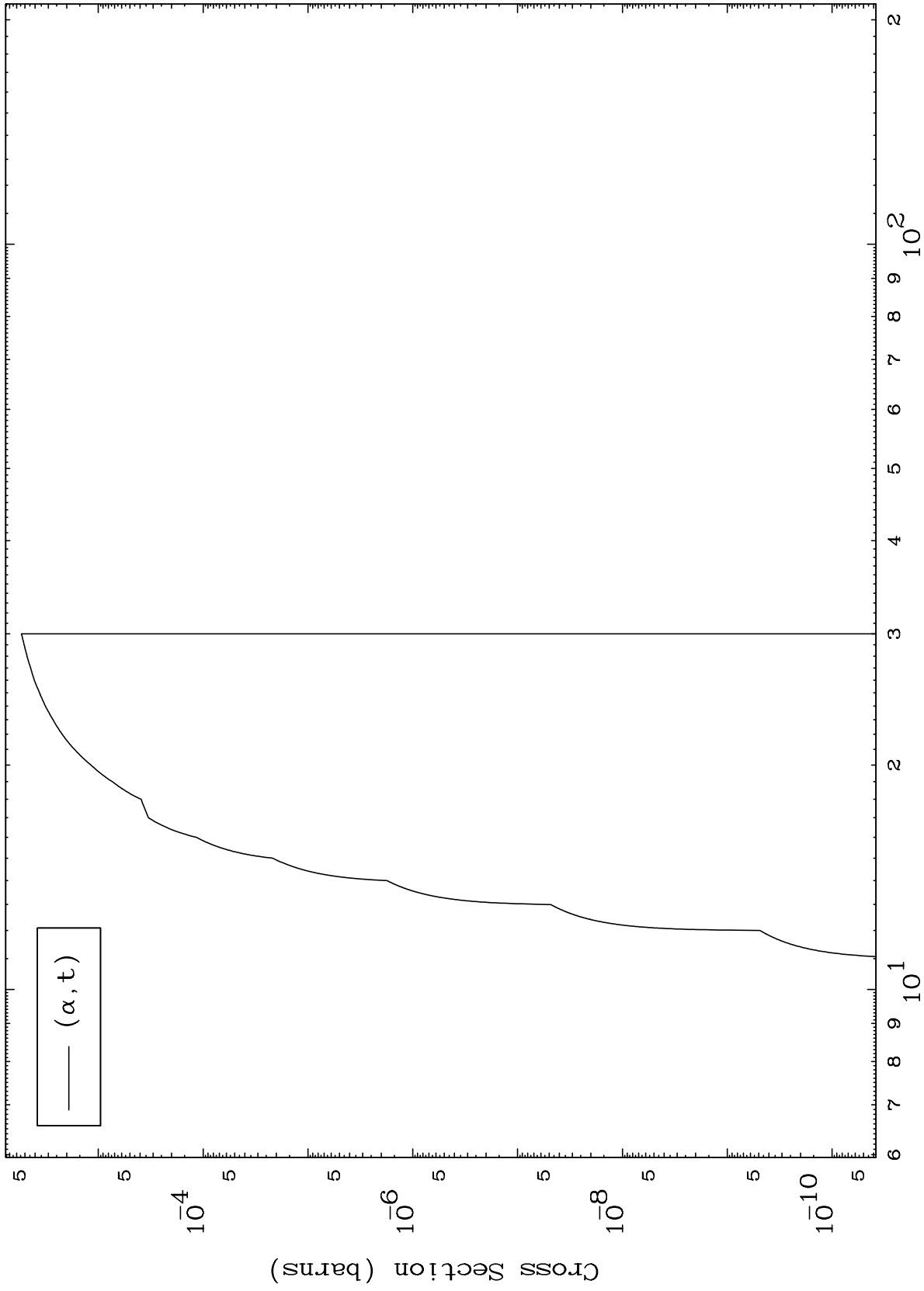
49-In-127



MAT 4967

(α, t) Levels
0 Kelvin Cross Sections

49-In-127



9

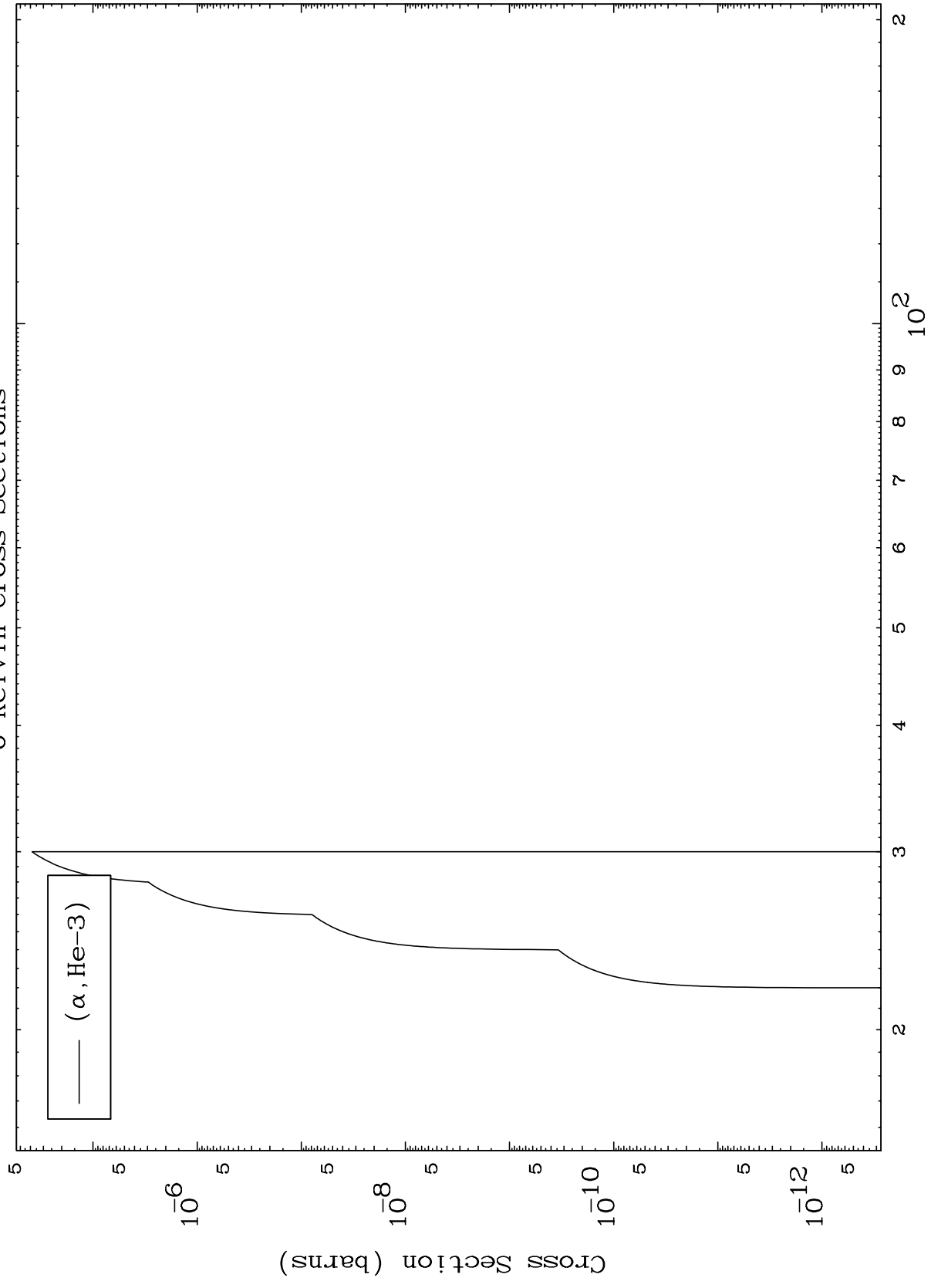
Incident Energy (MeV)

49-In-127

MAT 4967

(α , He3) Levels
0 Kelvin Cross Sections

49-In-127



10

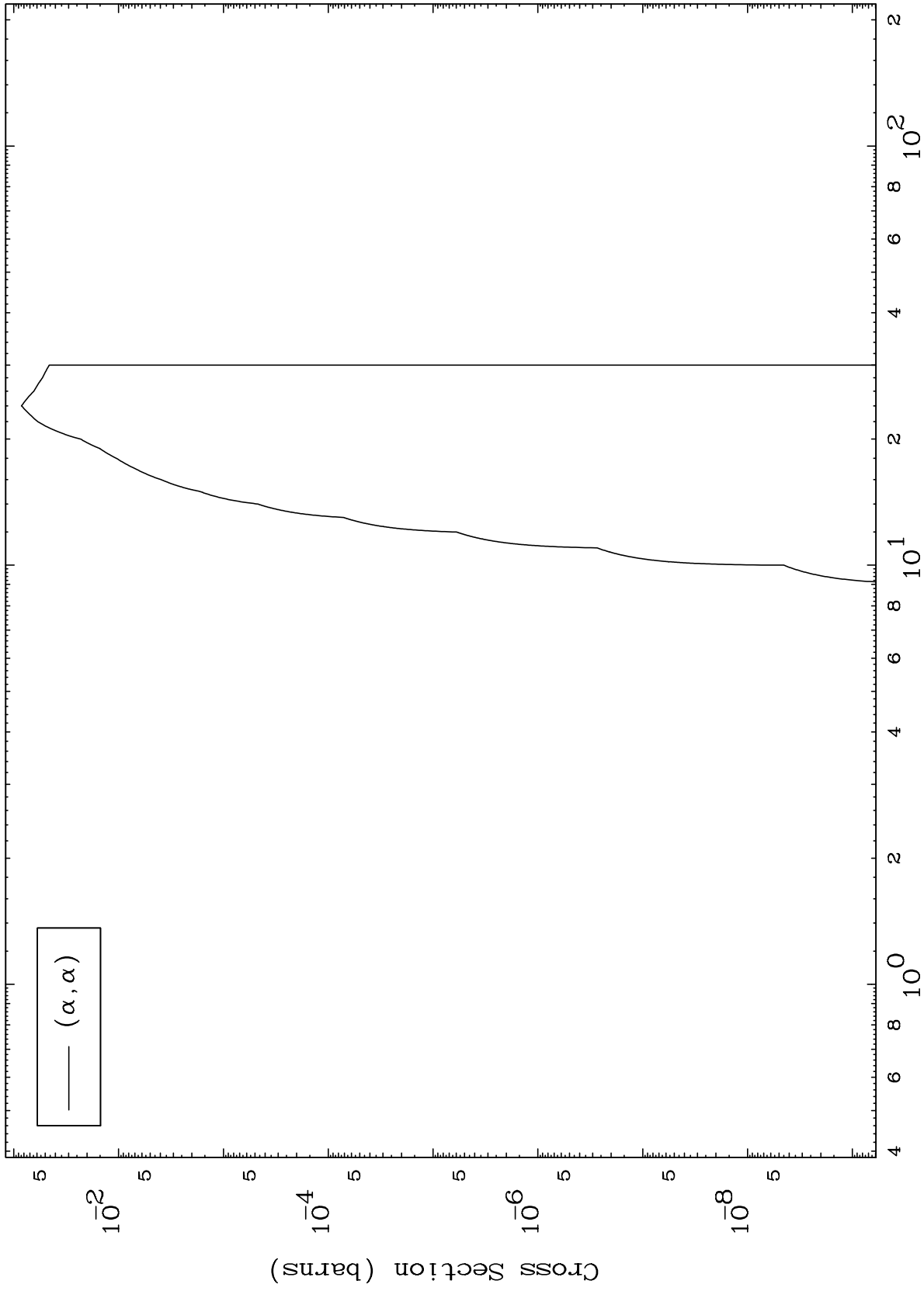
Incident Energy (MeV)

49-In-127

MAT 4967

(α, α) Levels
0 Kelvin Cross Sections

49-In-127



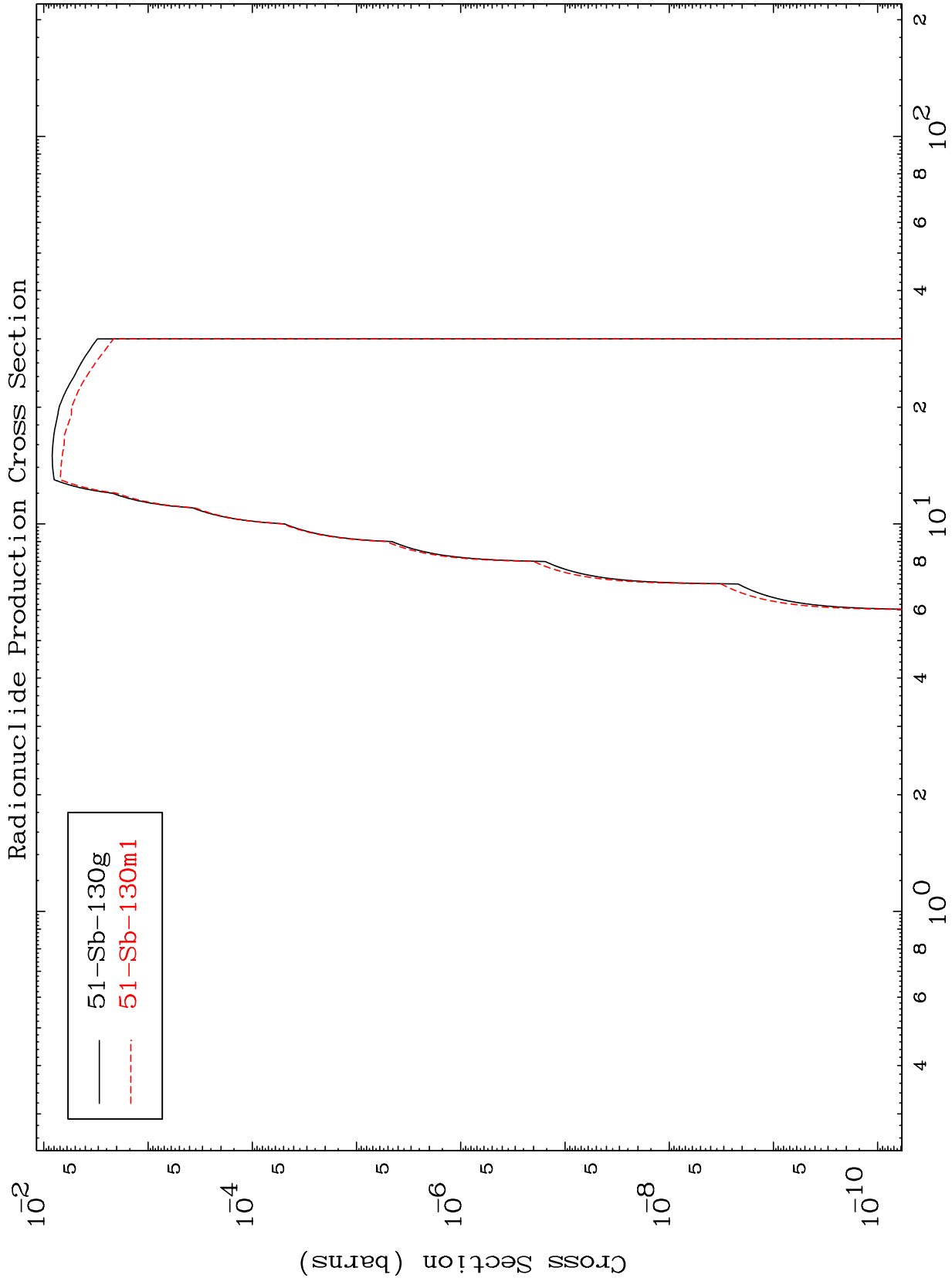
11

Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

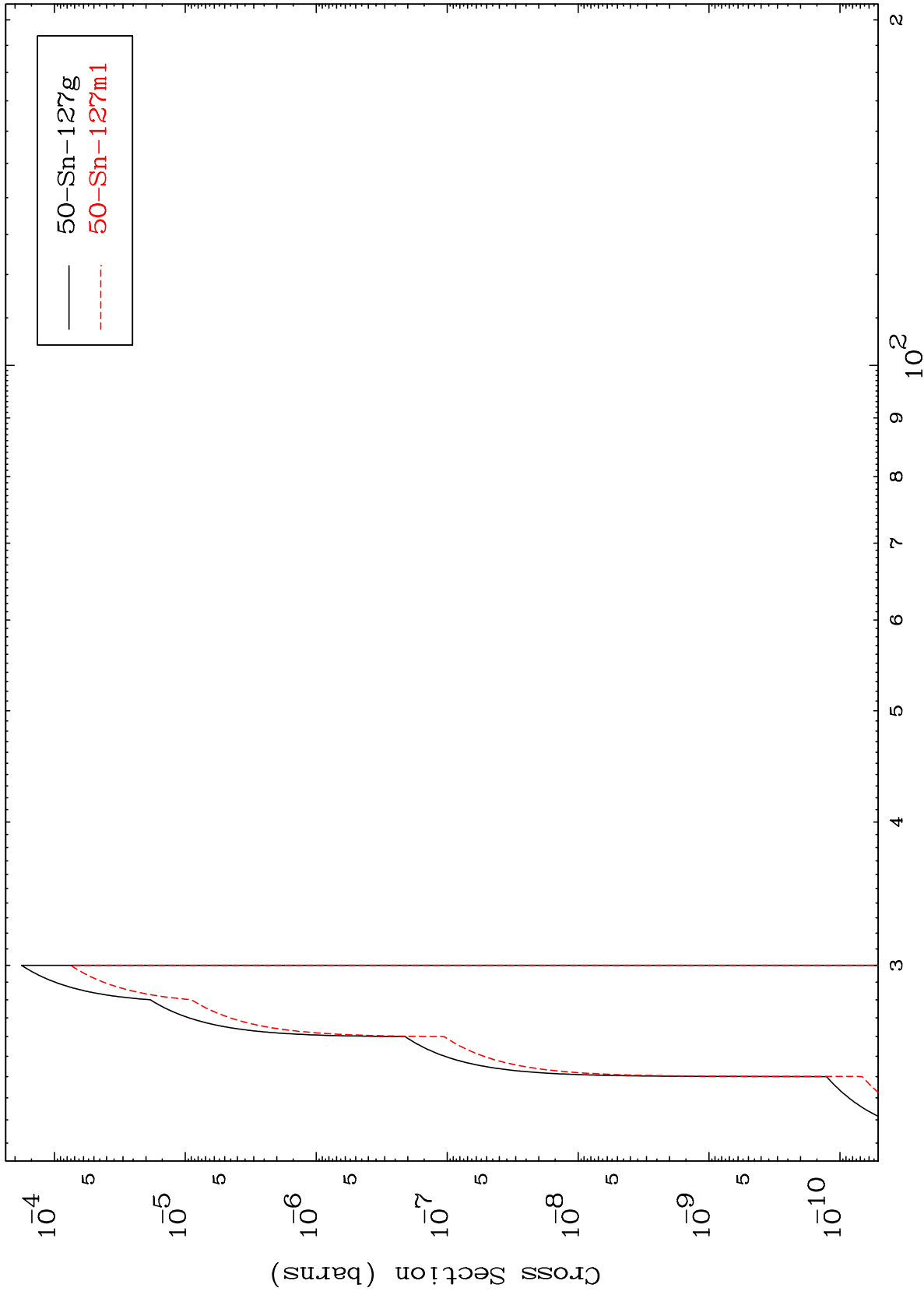


MAT 4967

($\alpha, 2n$) d

49-In-127

Radionuclide Production Cross Section



13

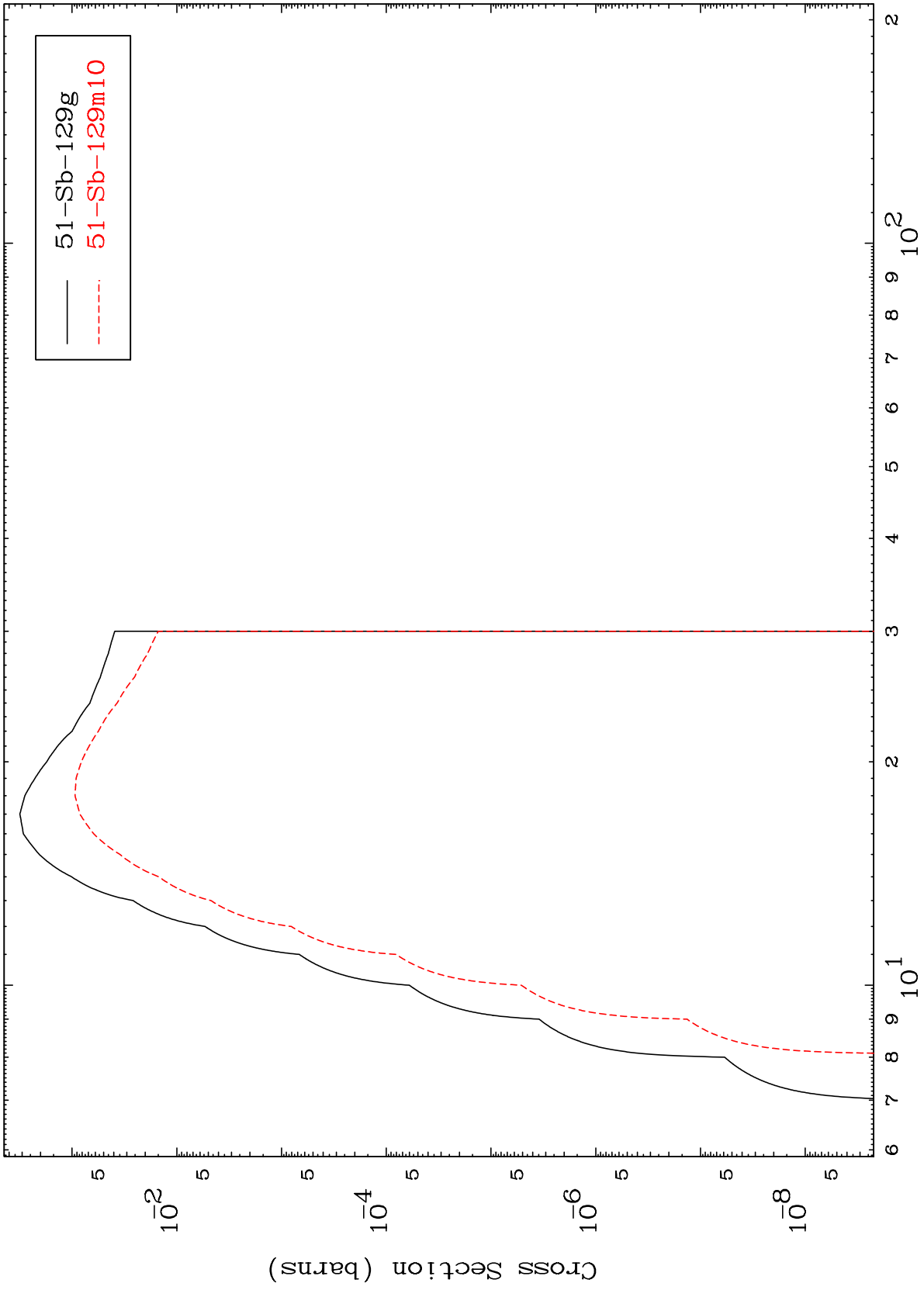
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

$(\alpha, 2n)$
Radionuclide Production Cross Section



14

Incident Energy (MeV)

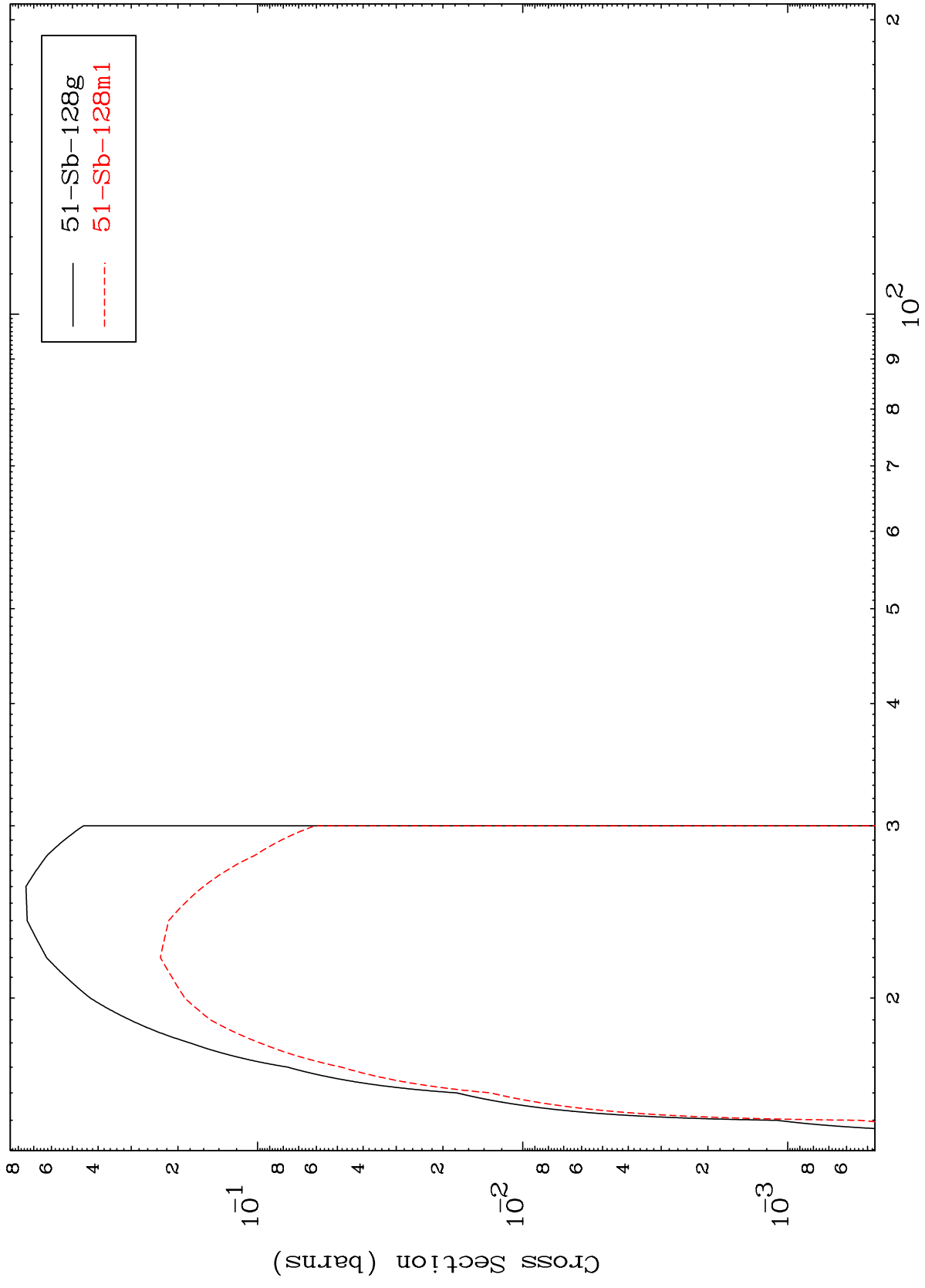
49-In-127

MAT 4967

($\alpha, 3n$)

49-In-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

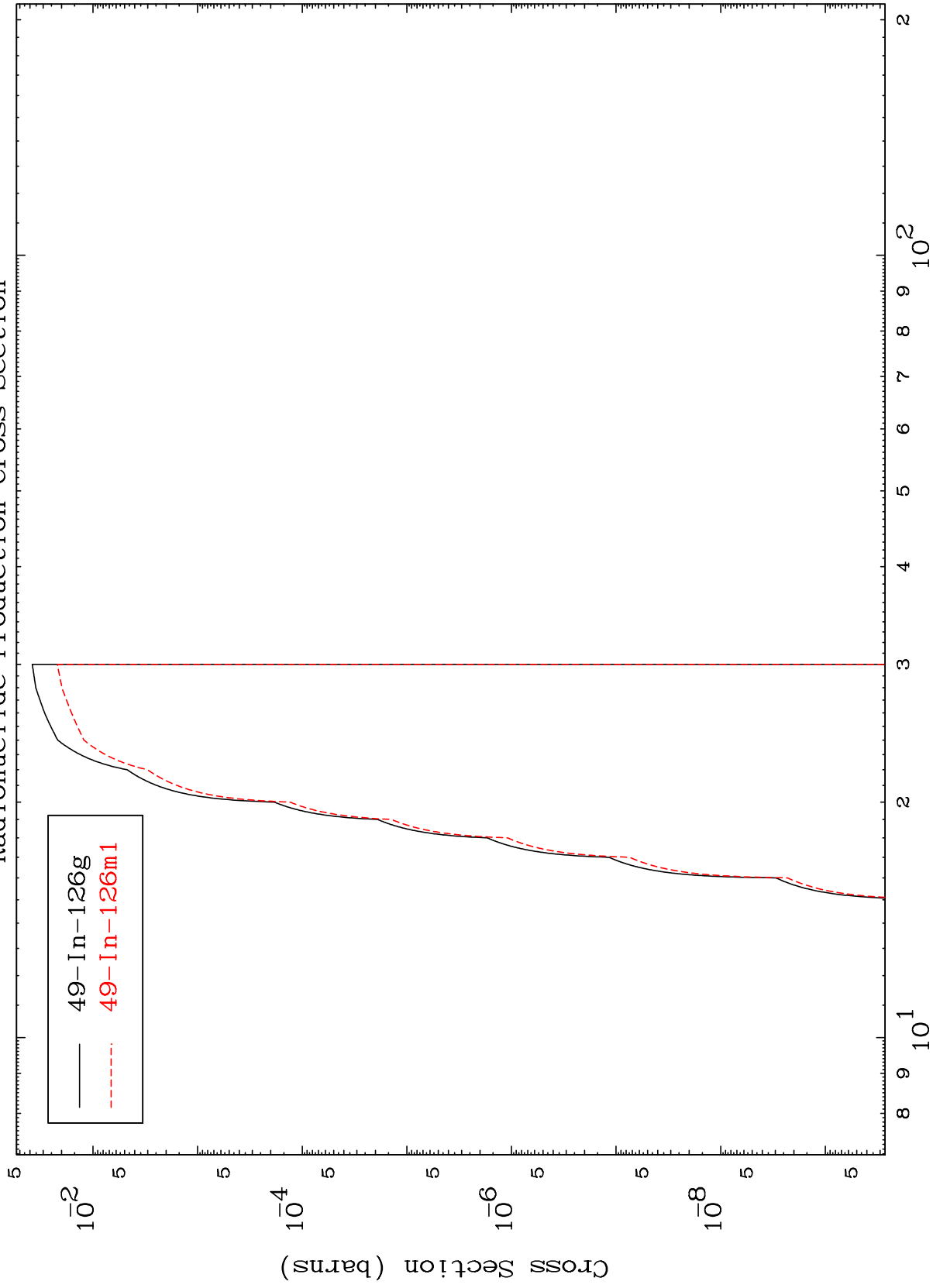
49-In-127

MAT 4967

(α, n') α

49-In-127

Radionuclide Production Cross Section



16

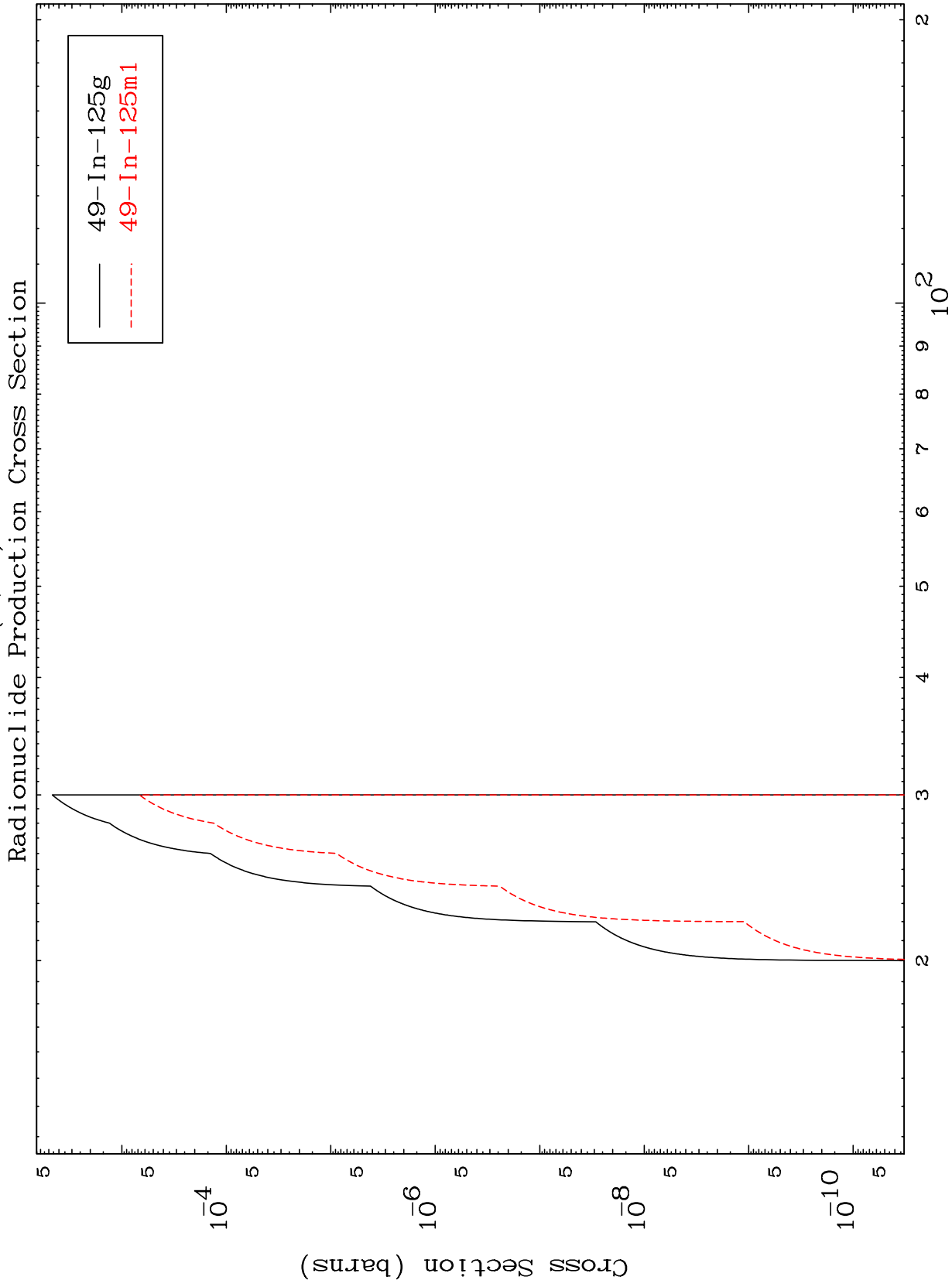
Incident Energy (MeV)

49-In-127

MAT 4967

($\alpha, 2n$) α

49-In-127



17

Incident Energy (MeV)

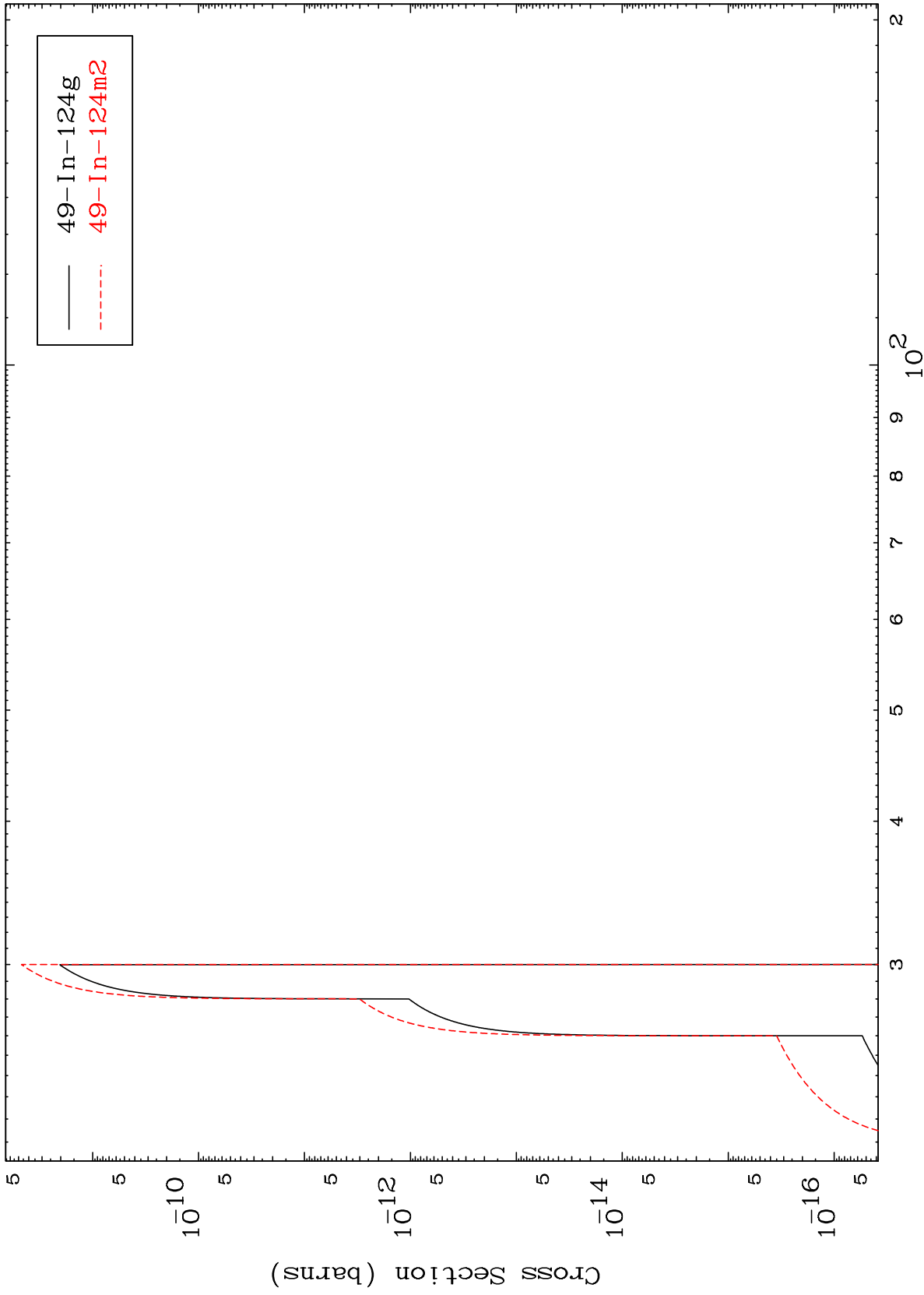
49-In-127

MAT 4967

($\alpha, 3n$) α

49-In-127

Radionuclide Production Cross Section



18

Incident Energy (MeV)

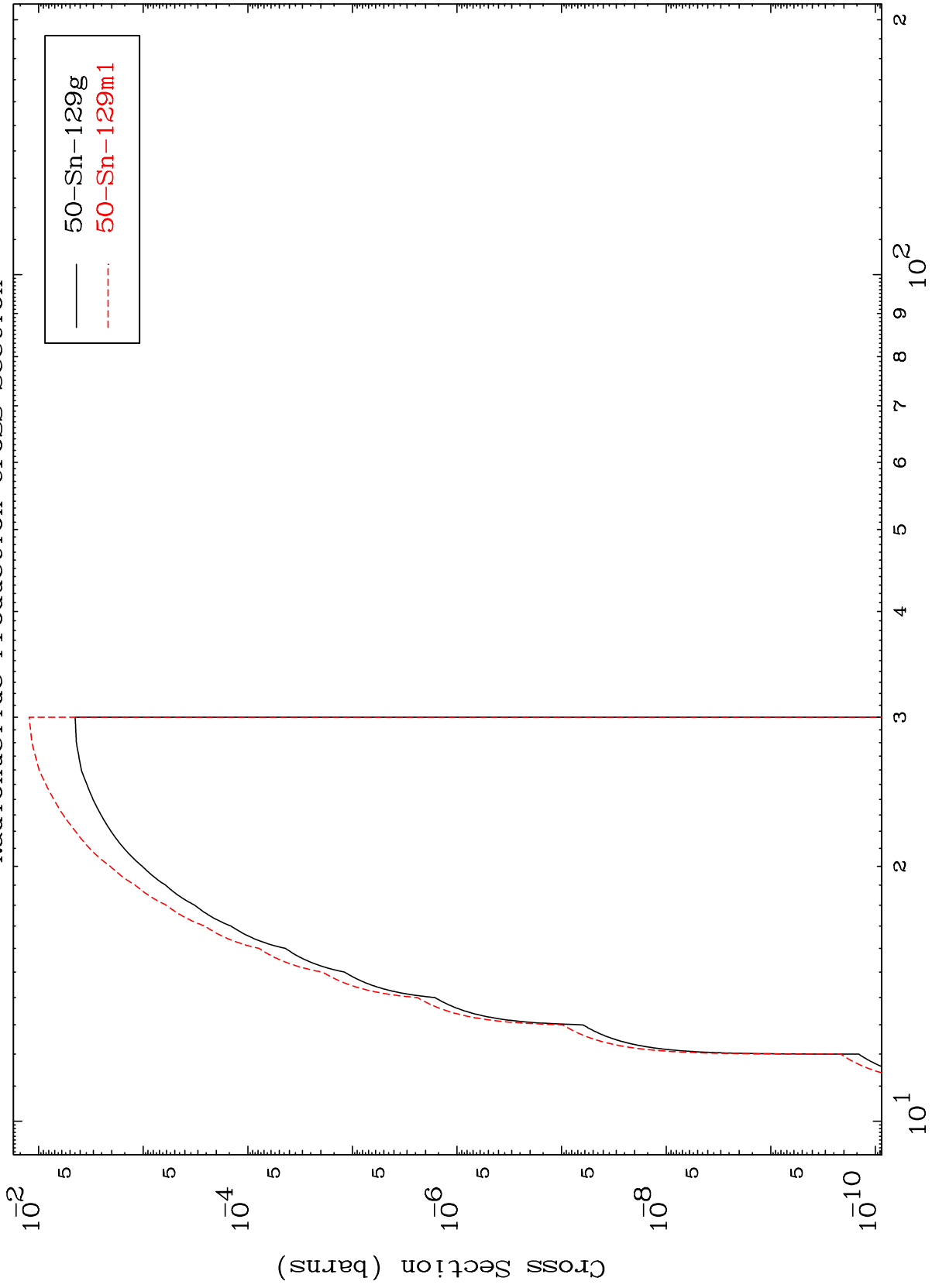
49-In-127

MAT 4967

(α, n') p

49-In-127

Radionuclide Production Cross Section



Incident Energy (MeV)

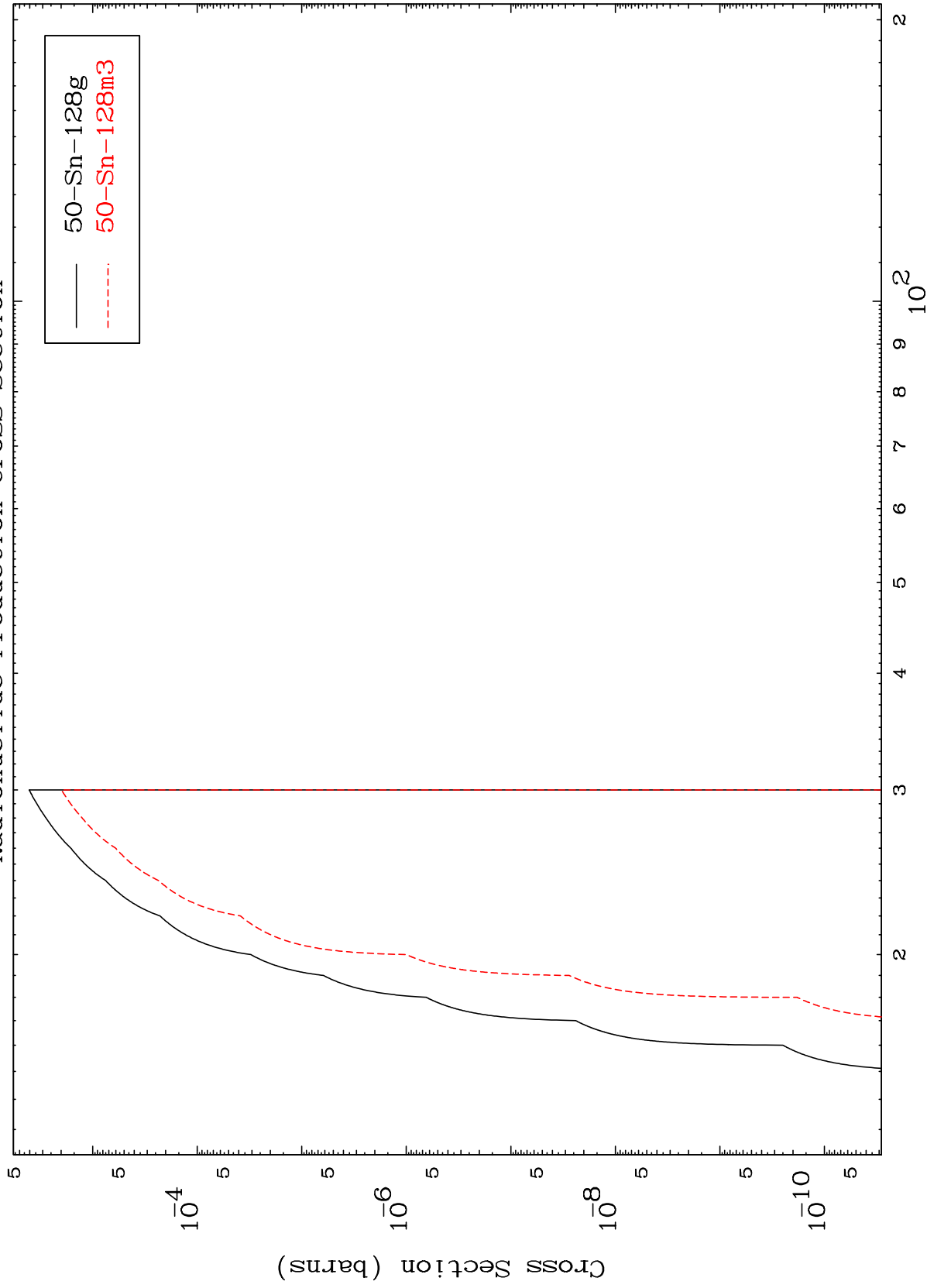
49-In-127

MAT 4967

(α, n') d

49-In-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

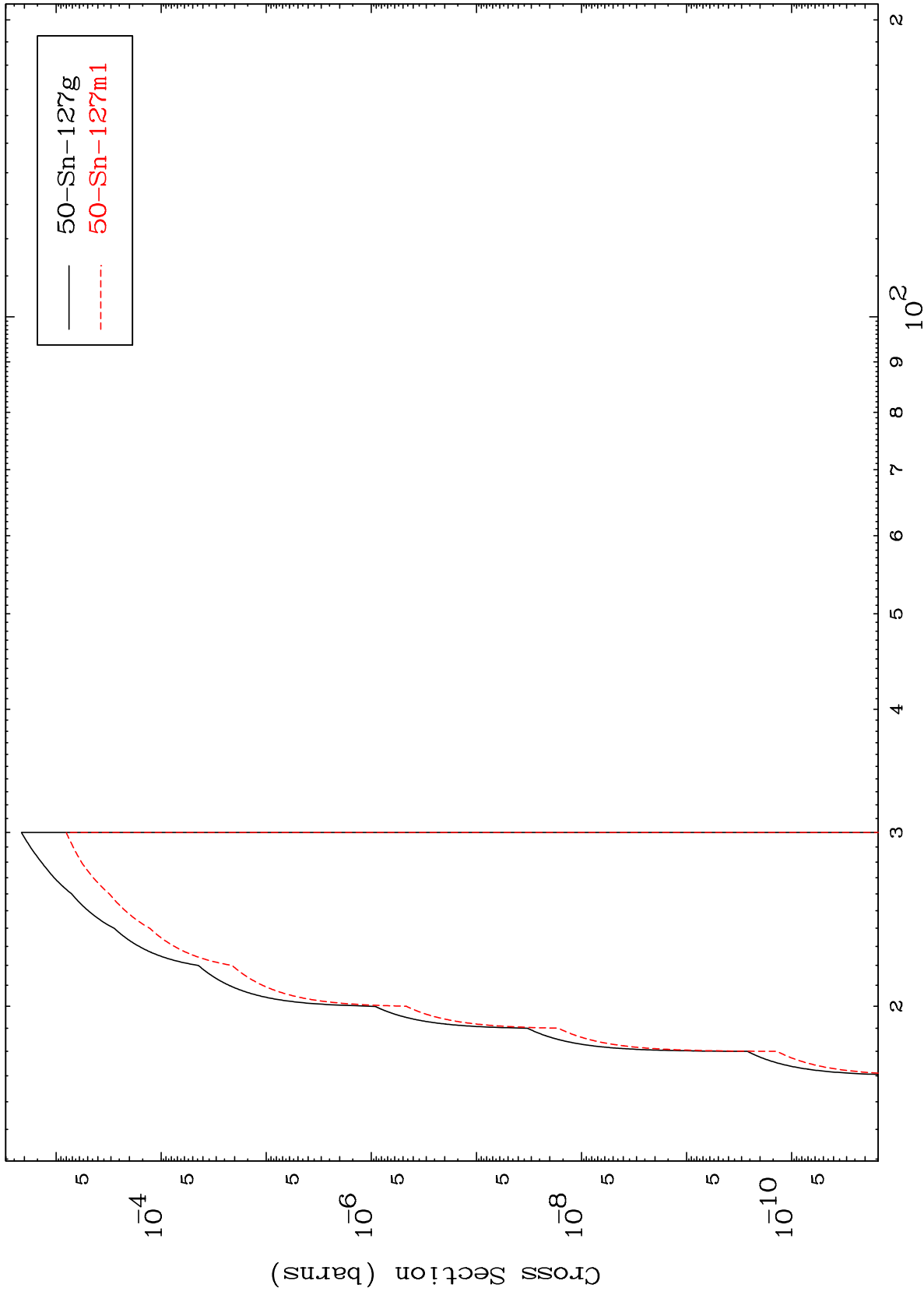
49-In-127

MAT 4967

(α, n') t

49-In-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

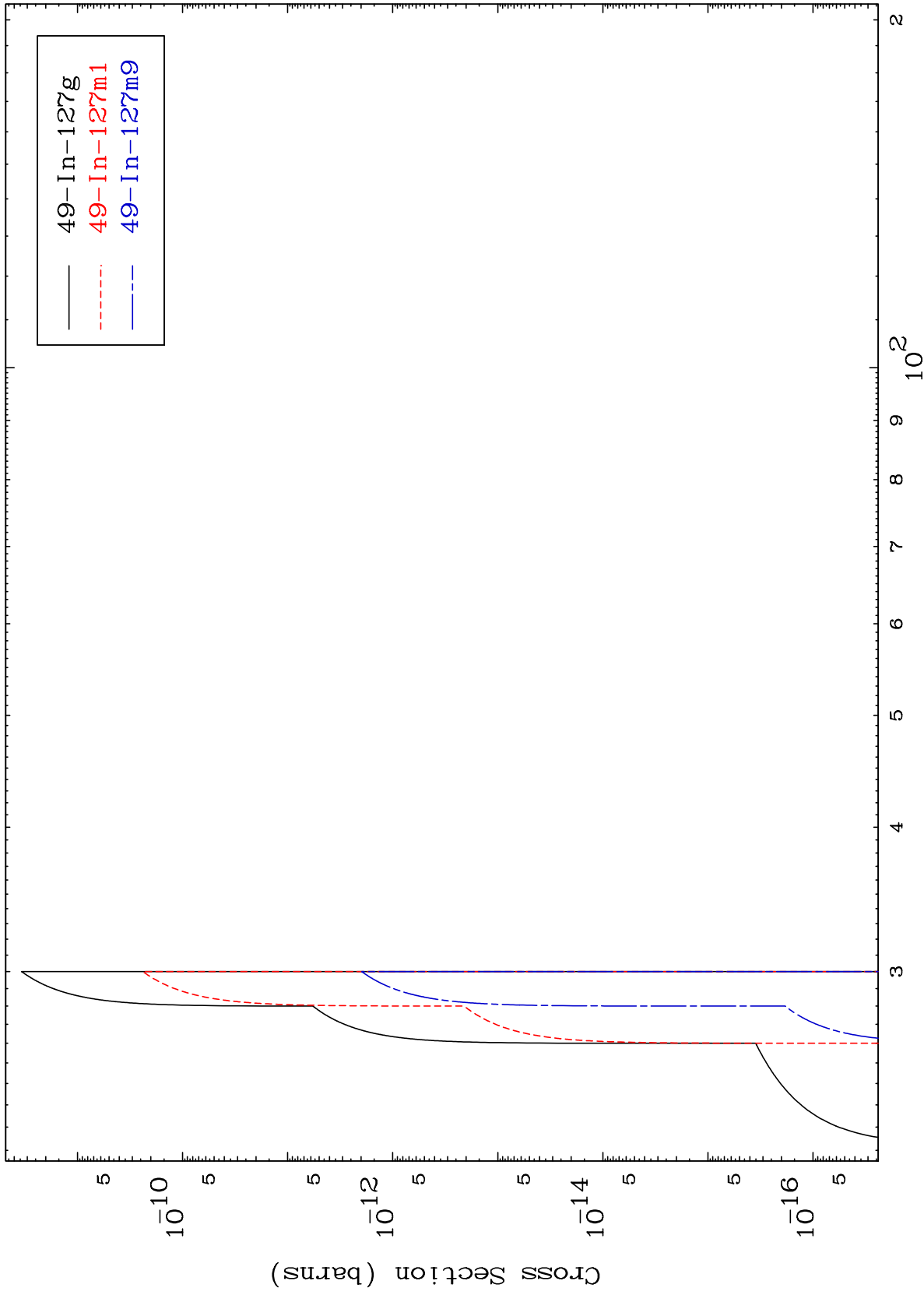
49-In-127

MAT 4967

(α, n') He-3

49-In-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

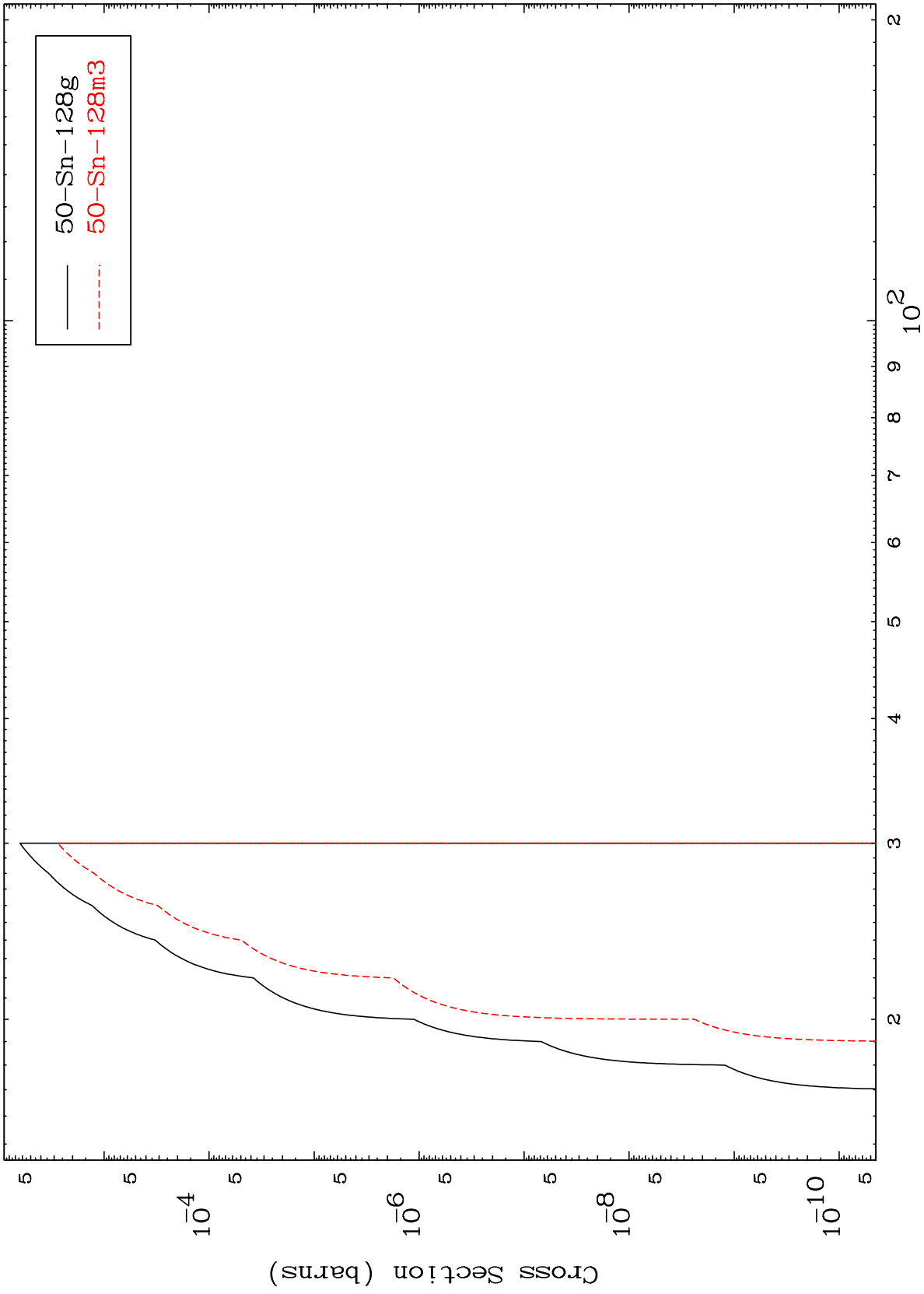
49-In-127

MAT 4967

($\alpha, 2n$) p

49-In-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

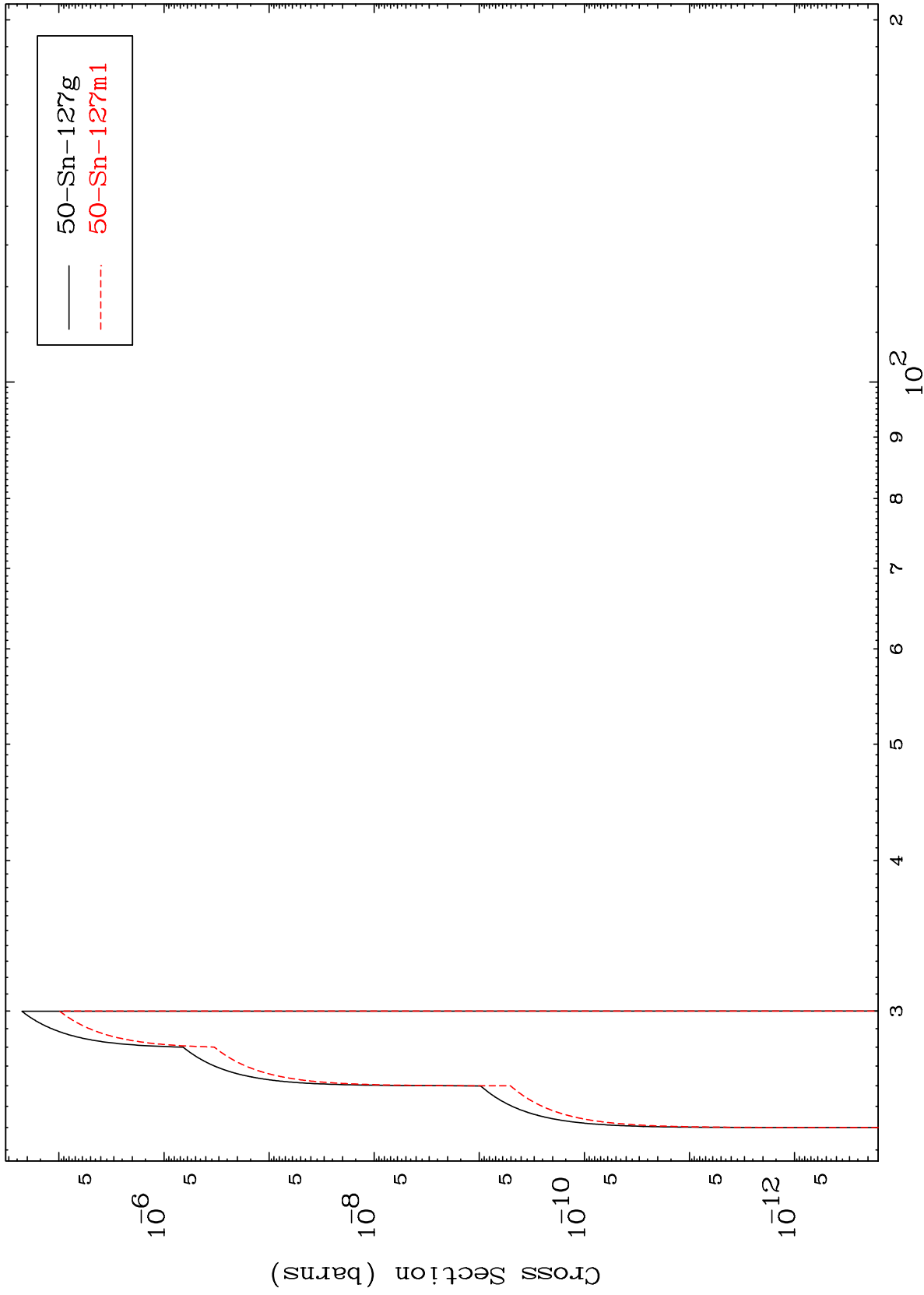
49-In-127

MAT 4967

($\alpha, 3n$) p

49-In-127

Radionuclide Production Cross Section



24

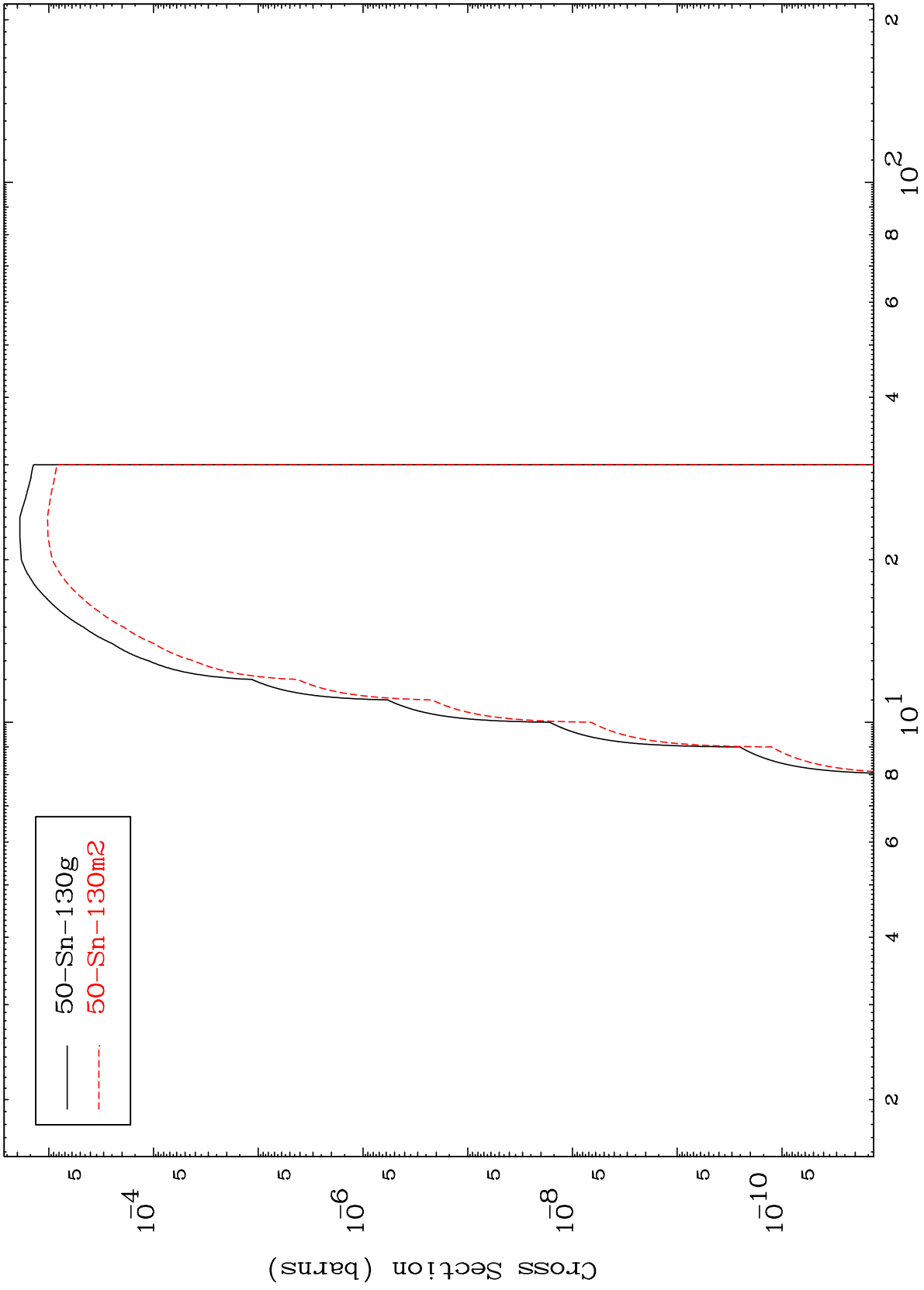
Incident Energy (MeV)

49-In-127

MAT 4967

(α, p)
Radionuclide Production Cross Section

49-In-127



25

Incident Energy (MeV)

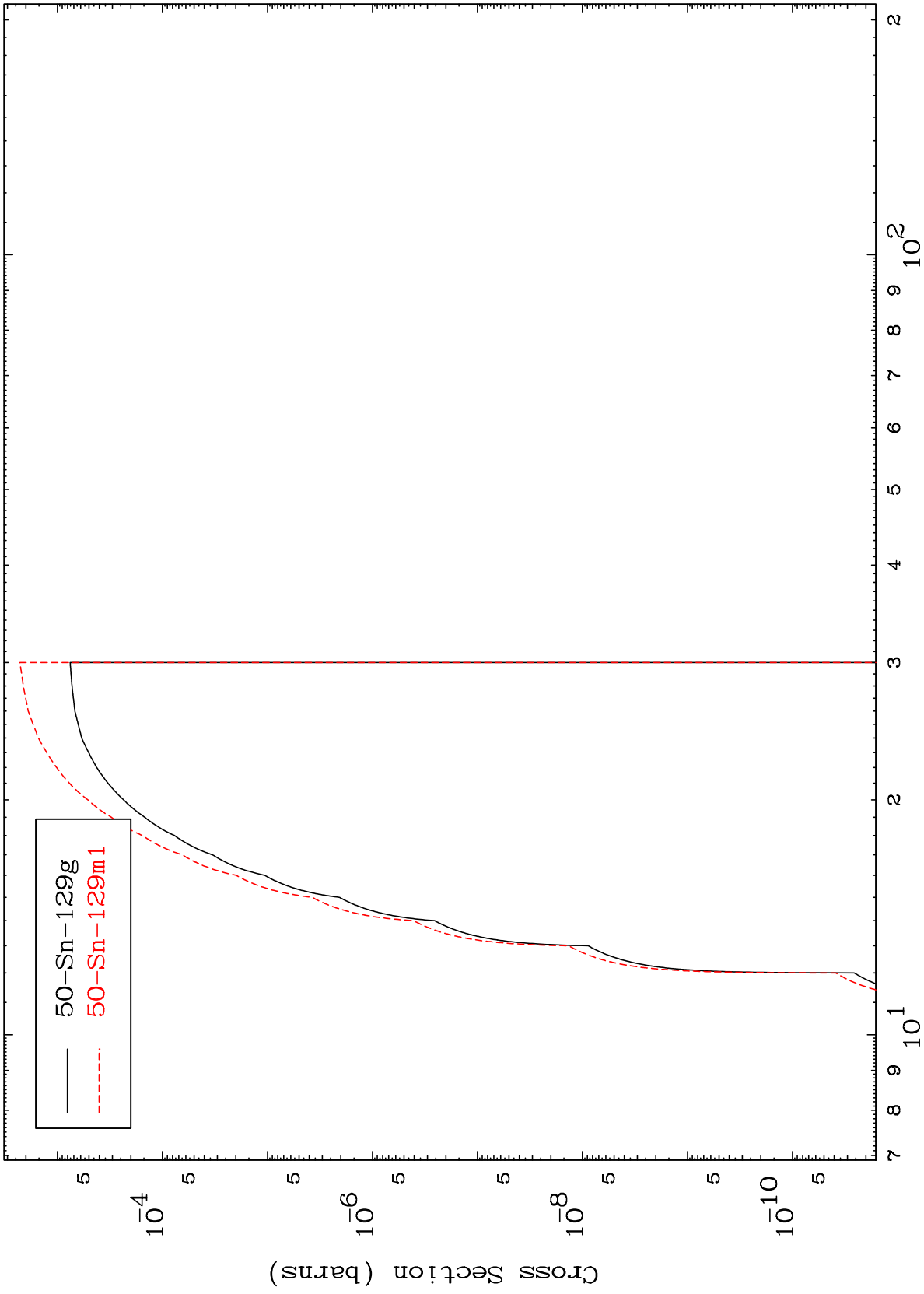
49-In-127

MAT 4967

(α, d)

49-In-127

Radionuclide Production Cross Section



26

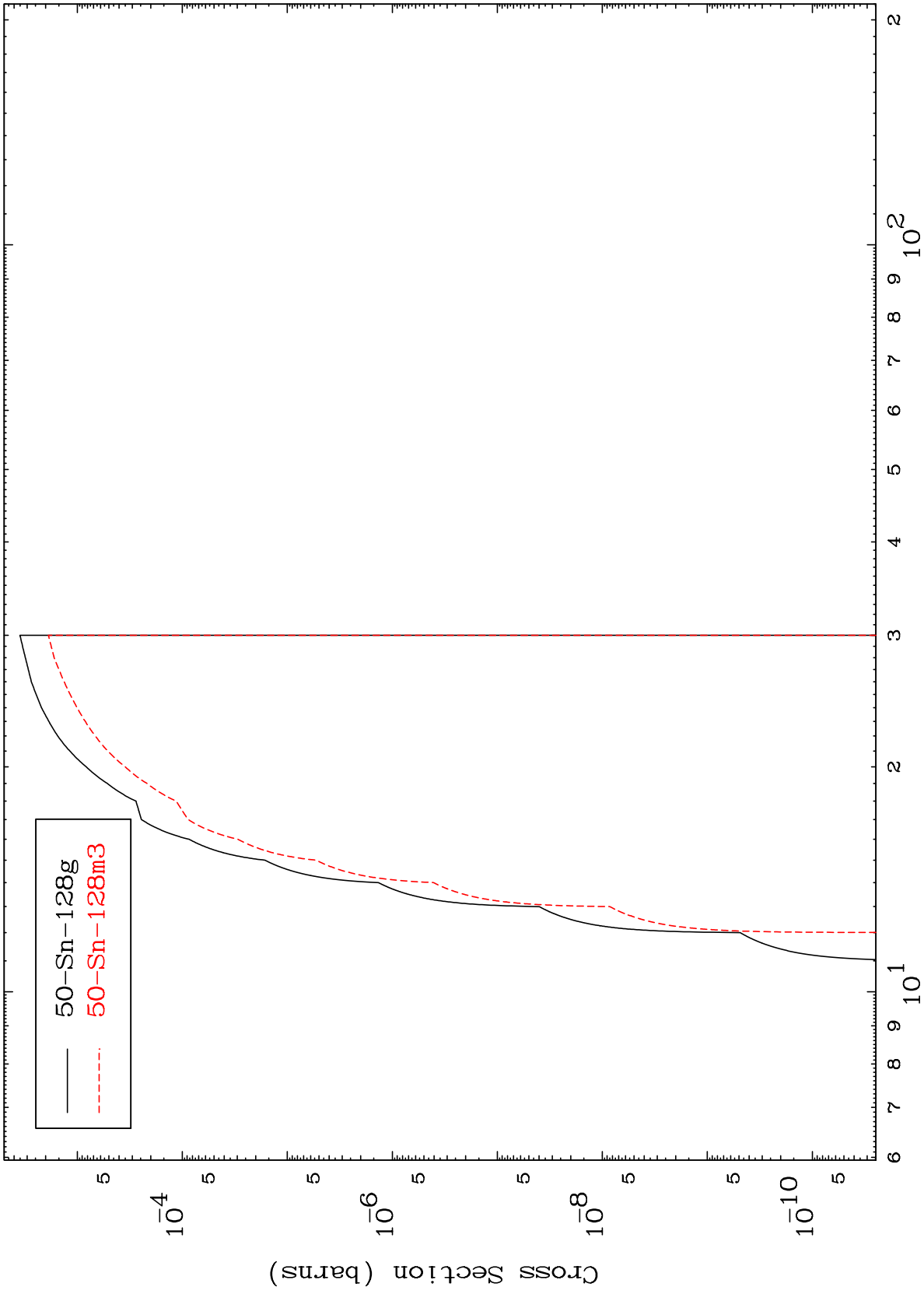
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

(α, t)
Radionuclide Production Cross Section



27

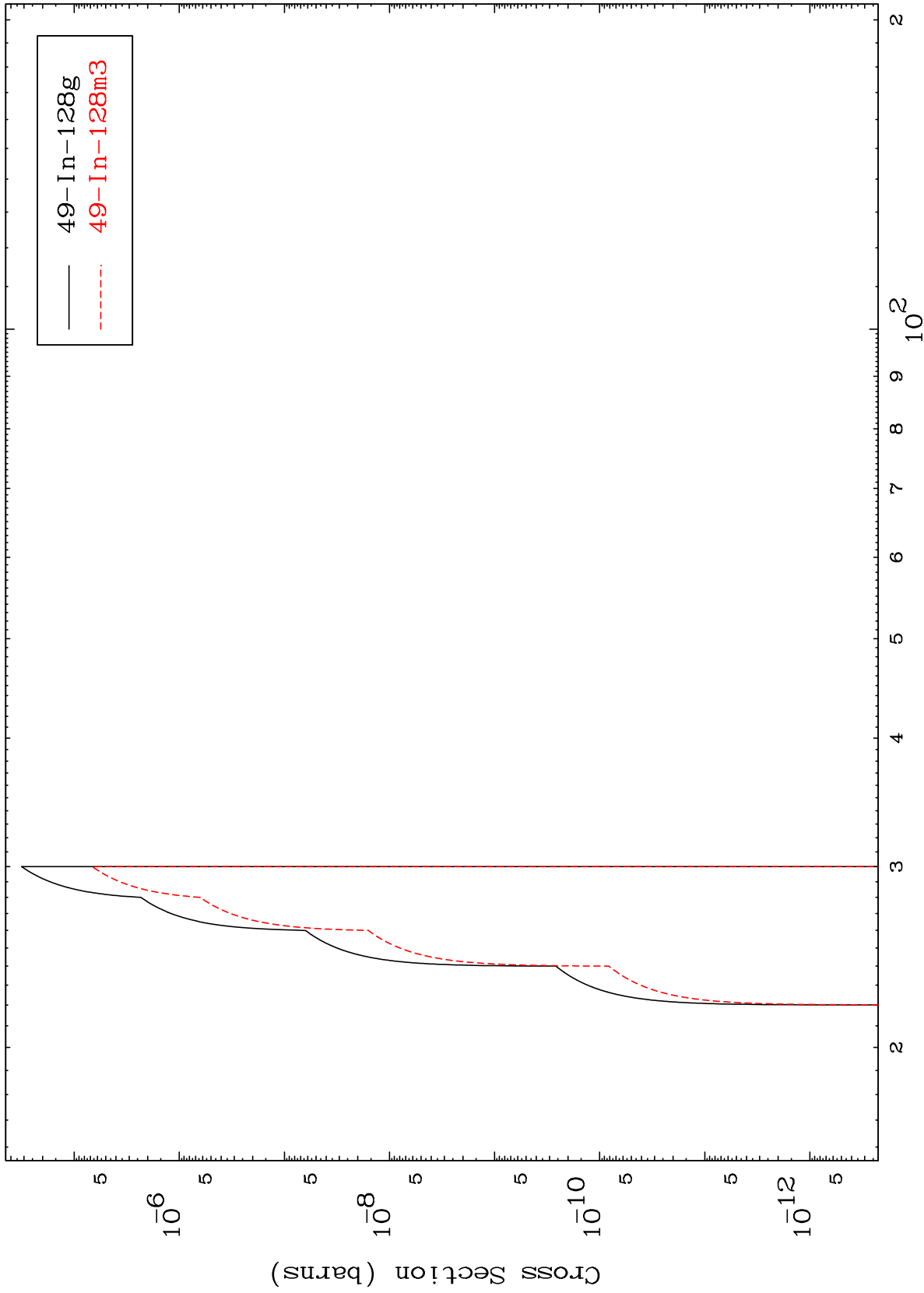
49-In-127

MAT 4967

($\alpha, \text{He-3}$)

49-In-127

Radionuclide Production Cross Section



28

Incident Energy (MeV)

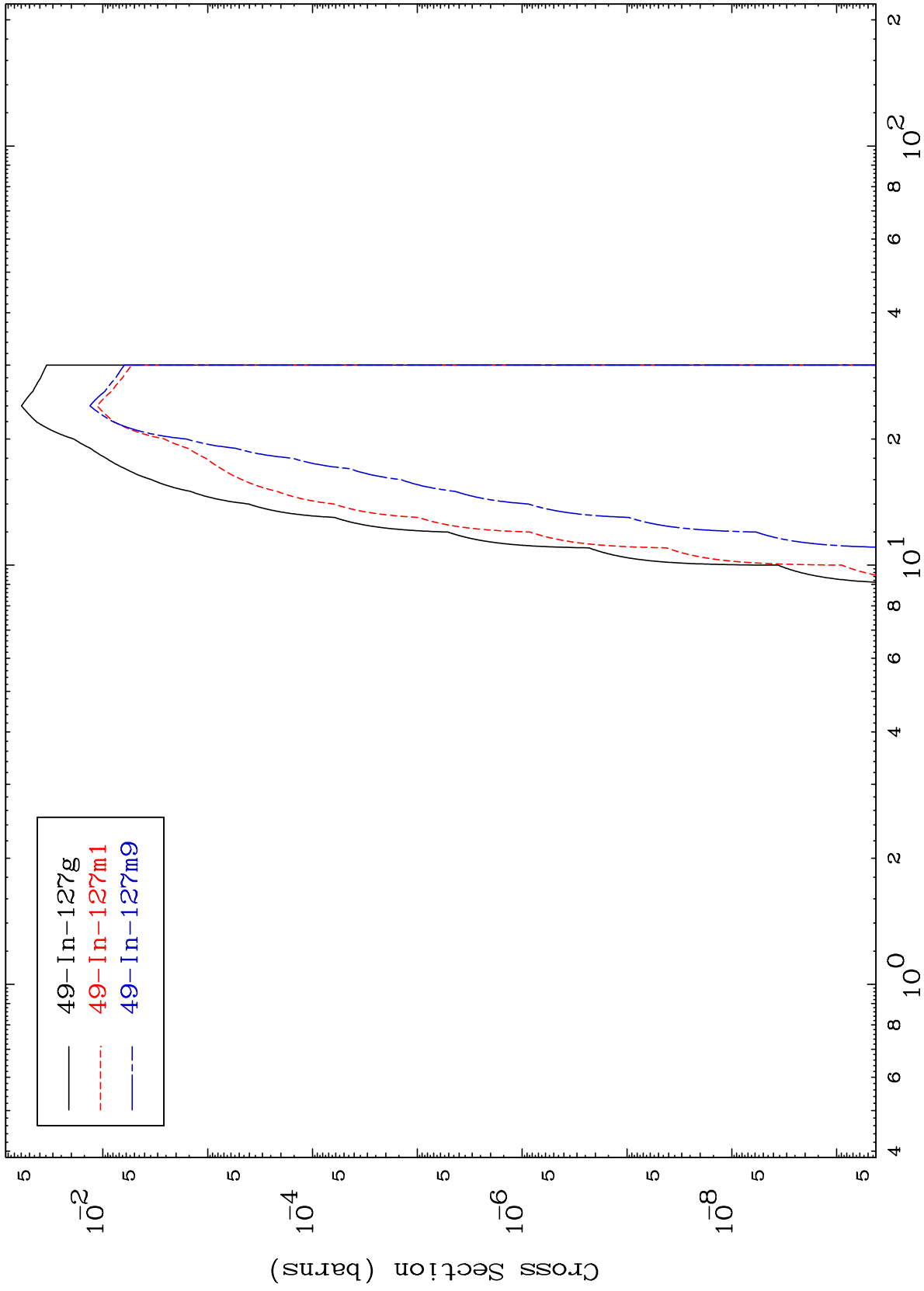
49-In-127

MAT 4967

(α, α)

49-In-127

Radionuclide Production Cross Section



49-In-127g
49-In-127m1
49-In-127m9

29

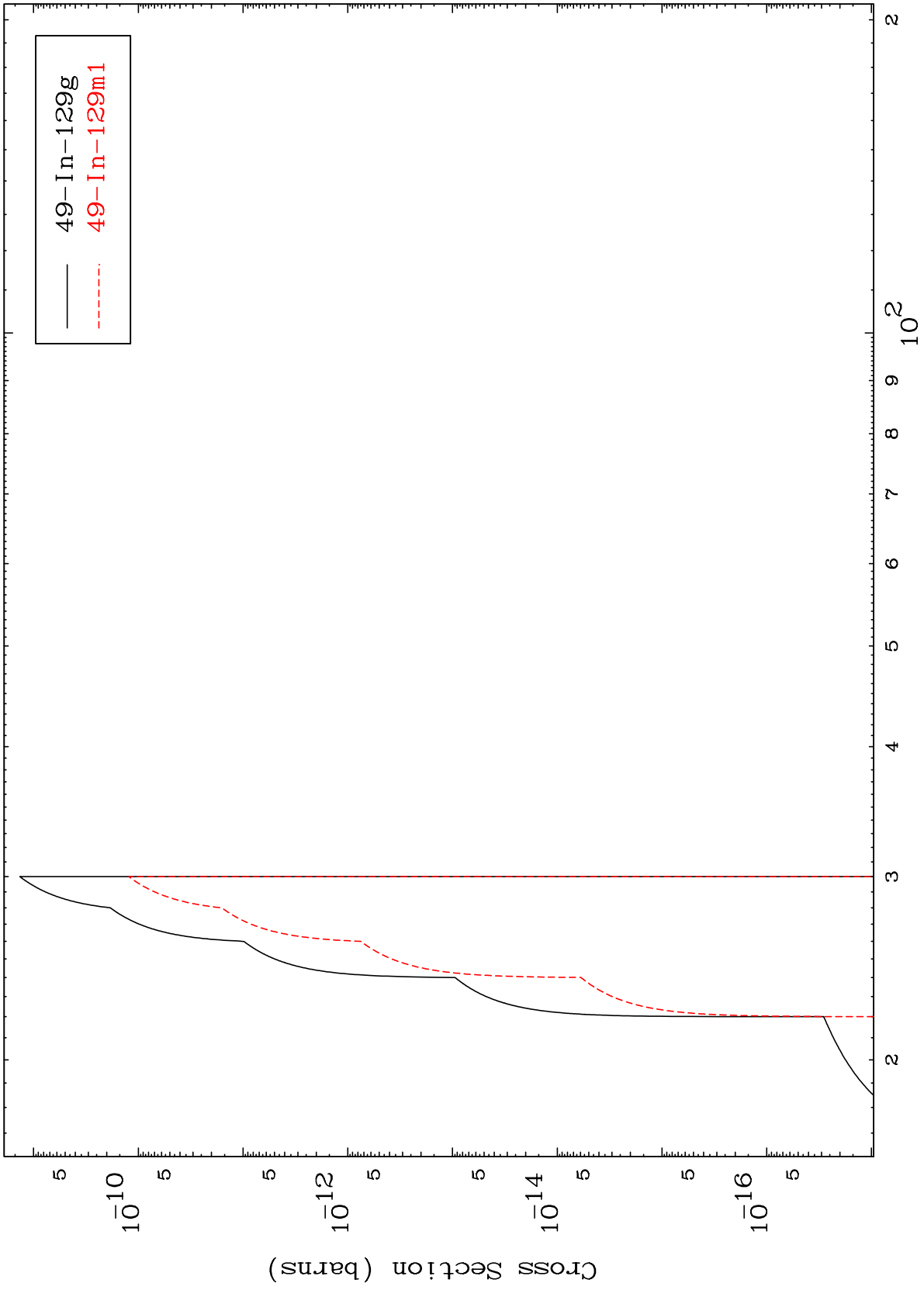
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

($\alpha, 2p$)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

49-In-127